



Blackwater Mine

2025 Wetland Management and Offsetting Plan Annual Report

PREPARED FOR



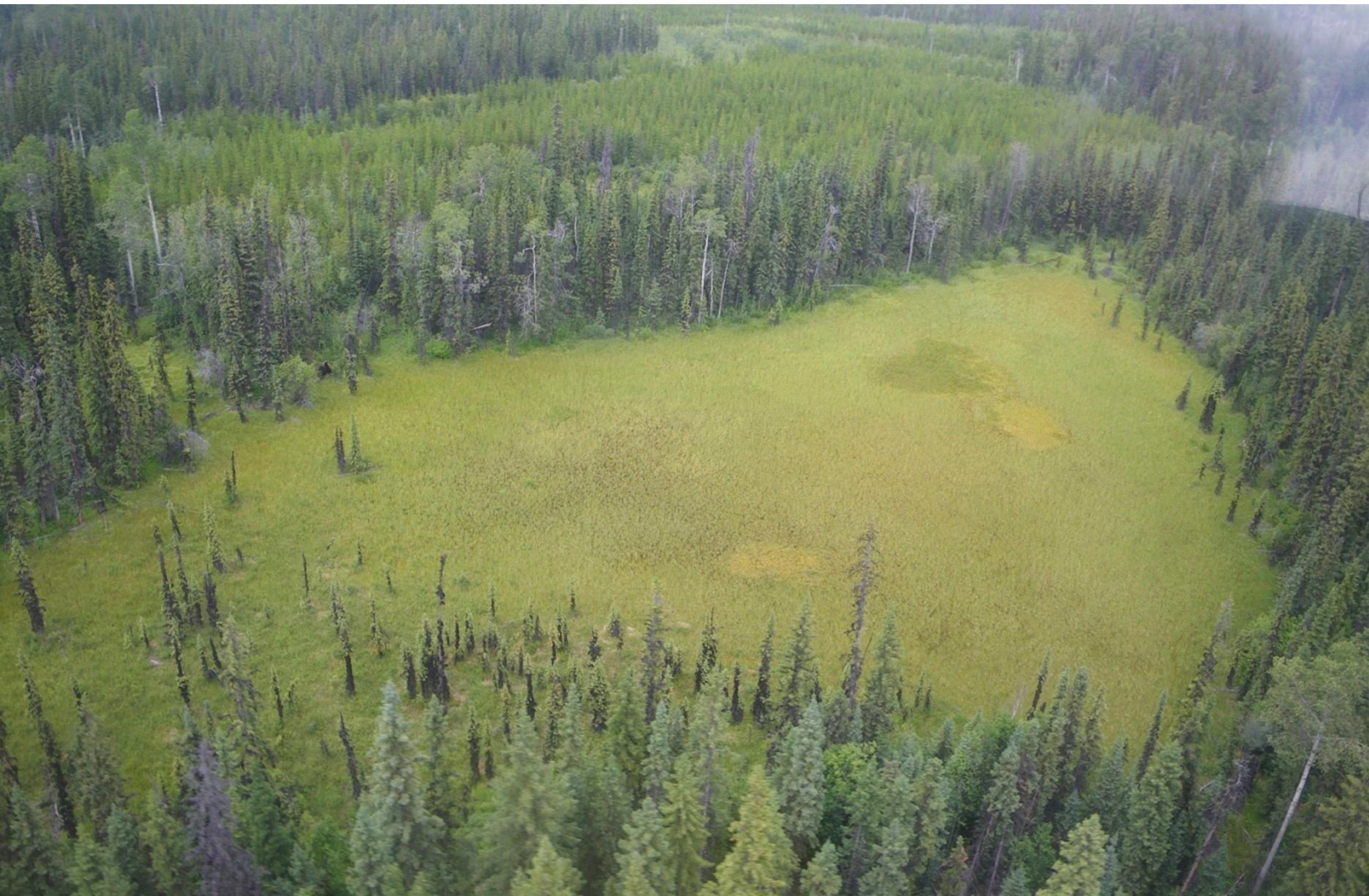
Blackwater
Mine

DATE

March 2026

REFERENCE

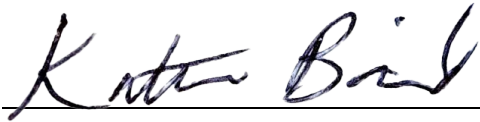
0809191



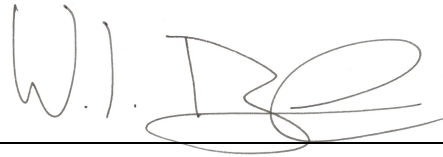
Blackwater Mine

2025 Wetland Management and Offsetting Plan Annual Report

March 2026



Katherine Baird, MScF, RPBio
Consultant, Vegetation Ecologist



Wade Brunham, MSc, RPBio
Partner

ERM Consultants Canada Ltd.
#1000 - 1100 Melville Street
Vancouver, BC
Canada V6E 4A6
T +1 604 689 9460

© Copyright 2026 by The ERM International Group Limited and/or its affiliates ('ERM'). All Rights Reserved.
No part of this work may be reproduced or transmitted in any form or by any means, without prior written permission of ERM.



CONTENTS

ACRONYMS AND ABBREVIATIONS	III
ACKNOWLEDGEMENTS	IV
EXECUTIVE SUMMARY	1
FOLLOW-UP WETLAND MONITORING RESULTS	1
Wetland Mitigation and Offsetting	1
Change in Wetland Extent and Function at the Mine	1
Change in Wetland Extent and Function at the Offsetting Sites	1
LONG-TERM WETLAND MONITORING RESULTS	2
1. INTRODUCTION	3
1.1 REGIONAL SETTING	3
1.2 2025 CONSTRUCTION AND DISTURBANCE ACTIVITIES	3
2. WETLAND MONITORING AND OFFSETTING PLAN	5
2.1 CONSULTATION WITH INDIGENOUS GROUPS	5
3. FOLLOW-UP WETLAND MONITORING RESULTS	7
3.1 WETLAND MITIGATION	7
3.2 WETLAND 30-METRE BUFFER	7
3.3 WETLAND OFFSETTING	7
3.4 PRE-CONSTRUCTION WETLAND SURVEYS	7
3.5 CHANGE IN WETLAND EXTENT AND FUNCTION AT THE MINE	9
3.5.1 Year 1 (2025) As-Built Footprint	10
3.5.2 Year 1 (2025) Wetland Extent and Function Loss	10
3.5.3 Year 1 (2025) As-Built Versus Predicted Wetland Loss	14
3.6 CHANGE IN WETLAND EXTENT AND FUNCTION AT THE OFFSETTING SITES	14
4. LONG-TERM WETLAND MONITORING RESULTS	17
4.1 WILDFIRES	17
4.2 WETLAND FUNCTION MONITORING	19
4.3 GROUNDWATER MONITORING	19
4.3.1 Results	26
5. ADAPTIVE MANAGEMENT	30
5.1 FOLLOW-UP INVESTIGATION	30
6. SUMMARY OF FOLLOW-UP AND LONG-TERM WETLAND MONITORING PROGRAMS	37
7. REFERENCES	39
APPENDIX A	WETLAND MITIGATION AND MANAGEMENT MEASURES (2025)
APPENDIX B	YEAR 1 (2025) AS-BUILT WETLAND LOSS MAPS
APPENDIX C	YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

LIST OF TABLES

TABLE 3.2-1	NON-CONSTRUCTION ACTIVITIES CONDUCTED WITHIN 30-METRE BUFFER FROM WETLANDS (2025)	8
TABLE 3.5-1	YEAR 1 (2025) WETLAND EXTENT AND FUNCTIONAL AREA CUMULATIVE AND ANNUAL LOSSES BY SITE ASSOCIATION	13
TABLE 3.5-2	PREDICTED VERSUS ACTUAL (AS-BUILT) LOSSES IN WETLAND EXTENT (IN HECTARES) BY MINE DEVELOPMENT OVER TIME	15
TABLE 3.5-3	PREDICTED VERSUS ACTUAL (AS-BUILT) LOSSES IN WETLAND FUNCTIONAL AREA BY MINE DEVELOPMENT OVER TIME	16
TABLE 4.3-1	MINI-PIEZOMETER INSTALLATION DETAILS FOR WETLANDS AT THE MINE SITE AND MATHEWS CREEK RANCH OFFSETTING SITE (2025)	22
TABLE 4.3-2	PRESSURE TRANSDUCER DOWNLOAD RECORD FOR WETLANDS AT THE MINE SITE AND MATHEWS CREEK RANCH OFFSETTING SITE TO DATE (2022 TO 2025)	26
TABLE 5-1	YEAR 1 (2025) ADAPTIVE MANAGEMENT RESPONSE FOR CUMULATIVE WETLAND LOSS	32
TABLE 5.1-1	YEAR 1 (2025) WETLAND EXTENT AND FUNCTION CUMULATIVE LOSS INVESTIGATION	35
TABLE 5.1-2	WETLAND EXTENT AND FUNCTIONAL AREA SUMMARY OF LOSSES AND GAINS TO DATE (2025)	35
TABLE 6-1	SUMMARY OF FOLLOW-UP AND LONG-TERM WETLAND MONITORING PROGRAMS	38

LIST OF FIGURES

FIGURE 3.5-1	BLACKWATER YEAR 1 (2025) AS-BUILT FOOTPRINT	11
FIGURE 3.5-2	YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, MINE SITE	12
FIGURE 4.1-1	WILDFIRE EXTENTS NEAR THE BLACKWATER MINE, 2023 TO 2025	18
FIGURE 4.3-1	LOCATIONS OF MINI-PIEZOMETERS AT BLACKWATER MINE WETLANDS	20
FIGURE 4.3-2	LOCATIONS OF MINI-PIEZOMETERS AT MATHEWS CREEK RANCH WETLANDS	21

ACRONYMS AND ABBREVIATIONS

Artemis	Artemis Gold Inc.
BC	British Columbia
BW Gold	Blackwater Gold Ltd.
DS	Decision Statement
EAC	Environmental Assessment Certificate
EAO	Environmental Assessment Office
ECCC	Environment and Climate Change Canada
EIS	Environmental Impact Statement
ERM	ERM Consultants Canada Ltd.
FSR	Forest Service Road
ha	hectare
km	kilometre
LDN	Lhoosk'uz Dené Nation
LGO	Low Grade Ore
m	metre
Mine, the	Blackwater Mine
TSF	Tailings Storage Facility
UFN	Ulkatcho First Nation
WMOP	Wetland Monitoring and Offsetting Plan

ACKNOWLEDGEMENTS

This 2026 Wetland Management and Offsetting Annual Report was prepared for BW Gold Ltd. (BW Gold) by ERM Consultants Canada Ltd. (ERM).

We gratefully acknowledge that the work being conducted as part of this report takes place on the traditional territories of the Lhoosk'uz Dené Nation (LDN), Ulkatcho First Nation (UFN), Skin Tyee Nation and Tsilhqot'in Nation. The Kluskus and Kluskus-Ootsa Forest Service Roads and Mine transmission line cross the traditional territories of Nadleh Whut'en First Nation, Saik'uz First Nation, and Stelat'en First Nation (collectively, the Nechako First Nations) as well as the traditional territories of the Nazko First Nation, Nee-Tahi-Buhn Band, Cheslatta Carrier Nation, and Yekooche First Nation.

EXECUTIVE SUMMARY

The 2025 Wetland Monitoring and Offsetting Plan (WMOP) Annual Report summarizes BW Gold's implementation of the WMOP (ERM Consultants Canada Ltd. [ERM] 2024) and compliance with Environmental Assessment Certificate (EAC) and federal Decision Statement (DS) Conditions for wetlands. The objective of the 2025 WMOP Annual Report (WMOP section 12.2.1, ERM 2024) is to summarize and present the results of the follow-up programs and monitoring of mitigation measures during the previous year.

FOLLOW-UP WETLAND MONITORING RESULTS

WETLAND MITIGATION AND OFFSETTING

BW Gold implemented mitigation measures and best management practices of avoidance, minimization, and restoration for wetlands in Year 1 (2025).

No activities occurred within the 30-metre buffer of undisturbed vegetation surrounding wetlands at the Mine site in Year 1 (2025).

Wetland restoration, enhancement, or creation activities were not completed at offsetting sites in Year 1 (2025); however, wetland and fish habitat offsetting plan budgeting, scheduling, and scope of work were prepared in 2025 for work commencement planned in 2026 at Mathews Creek Ranch and Dykam Ranch offsetting sites. In 2025, BW Gold completed baseline studies at Dykam Ranch and continued engagement with Indigenous groups to communicate updates and engage Nations and other stakeholders on wetland management and offsetting.

CHANGE IN WETLAND EXTENT AND FUNCTION AT THE MINE

Clearing activities to date (2025) at the Mine have resulted in 45.25 hectares (ha) of direct loss in wetland extent and 1,341 in Functional Area (FA), a representation of wetland function. Lost wetlands include bogs, fens, marshes, swamps, and shallow open water. Blue-listed communities impacted to date include 21.15 ha of *Ws07 Spruce—Common Horsetail—Leafy Moss* swamp, 0.58 ha of *Wb10 Lodgepole pine—Few-flowered sedge—Peat-moss* bog, and 0.09 ha of *Wf13 Narrow-leaved cotton-grass—Shore Sedge* fen.

Wetland extent loss to date represents 40% of the total of the 113.71 ha predicted wetland loss for the Year 23 Full Build-Out Footprint. Wetland function as-built loss to date represents 43% of the 1,341 FA predicted total wetland loss for the Year 23 Full Build-Out Footprint.

CHANGE IN WETLAND EXTENT AND FUNCTION AT THE OFFSETTING SITES

Wetland function gains to date at Mathews Creek Ranch for restoration are from passive restoration (453 FA); however, no active wetland restoration gains have been realized.

Baseline wetland surveys at Dykam Ranch offsetting site were completed August 2025, with mapping and evaluation of baseline wetland function to be completed in 2026 and included in the 2026 WMOP Annual Report.

Wetland gains as a result of conservation have been achieved for Mathews Creek Ranch through BW Gold's securement of fee-simple ownership (225 ha) and Dykam Ranch through BW Gold's securement of a 99-year statutory right of way and license agreement (248 ha).

LONG-TERM WETLAND MONITORING RESULTS

Wetland monitoring in 2025 included a continuation of the groundwater monitoring program for hydrological function (WMOP Appendix R, ERM 2024). The long-term wetland monitoring program, required to re-evaluate wetland function (WMOP section 10.4.3, ERM 2024; DS Condition 5.5, 5.5.2, 5.5.3), is in development in alignment with Mine and offsetting timelines, and therefore was not implemented in Year 1 (2025). Potential long-term monitoring locations were proposed in 2025, with engagement with LDN and UFN onsite selection planned for 2026.

1. INTRODUCTION

BW Gold Ltd. (BW Gold), a wholly owned subsidiary of Artemis Gold Inc., is operating the Blackwater Mine (the Mine), an open pit gold and silver project in central British Columbia located approximately 112 km southwest of Vanderhoof. The Mine is accessed via the Kluskus and Kluskus-Ootsa Forest Service Roads and received its federal and provincial environmental approvals in 2019 under New Gold Inc., before Artemis acquired the project and transferred the Environmental Assessment Certificate to BW Gold in 2020. Since then, BW Gold has secured key authorizations including *Mines Act* Permit M-246 (2021) and *Environmental Management Act* permits for effluent and air discharges (Permits 110602[2021], 110650 [2023], and 110652 [2023]), with amendments issued in 2023 for the Mine Plan and Reclamation Program. Construction began in October 2022. The first gold and silver pour at the Mine was achieved in January 2025. Commercial production was declared in May 2025.

The following report outlines the 2025 monitoring results, the 2025 engagement with Indigenous groups, and wildfire-related effects on wetlands.

1.1 REGIONAL SETTING

The Mine is located within the traditional territories of Lhoosk'uz Dené Nation (LDN), Uikatcho First Nation (UFN), Skin Tye Nation, and Tsilhqot'in Nation. The Kluskus and Kluskus-Ootsa FSRs and Mine transmission line cross parts of the traditional territories of Nadleh Whut'en First Nation, Saik'uz First Nation, and Stellat'en First Nation (collectively, the Nechako First Nations), as well as the traditional territories of the Nazko First Nation, Nee Tahi Buhn Band, Cheslatta Carrier Nation, and Yekooche First Nation (Environmental Assessment Office [EAO] 2019a, 2019b).

Ecologically, the Mine spans two ecoregions, three ecosections, and multiple biogeoclimatic variants. The Mine is located within the Nechako River watershed, covering the watersheds of Davidson Creek, Creek 661, Turtle Creek, and Creek 705 (ERM 2024). Tributaries from the Mine flow into Tatelkuz Lake, Chedakuz Creek, and the Nechako River. Wetlands include bogs, fens, swamps, marshes, and shallow open water (ERM 2024).

1.2 2025 CONSTRUCTION AND DISTURBANCE ACTIVITIES

The 2025 activities included continued development of the open pit using conventional drill, blast, load and haul techniques, and operations of the mill. Several milestones were achieved in Q1 2025 including the commencement of mill operations (January 22), initial deposition of tailings (January 25), and placement of Low Grade Ore (LGO) on the LGO Stockpile (March 14). By May 2025 commercial production was achieved, and operations continued through the year.

Construction activities continued through 2025 as well with a focus on those activities outlined below:

- Continued development of Tailings Storage Facility (TSF) Dam C;
- Development of the LGO stockpile foundation panels;
- Construction of water management infrastructure (See Water Management Current Conditions for details); and
- Establishing ancillary buildings and associated facilities.

Tree clearing and soil salvage occurred where needed to support those activities.

No works occurred on the Mine Access Road, Upper or Lower Waste Rock Stockpiles, Fresh Water Supply System (FWSS; excluding the Freshwater Reservoir), or Northern Diversion System.

2. WETLAND MONITORING AND OFFSETTING PLAN

A Wetland Monitoring and Offsetting Plan (WMOP) was developed to mitigate potential Mine-related adverse effects on wetlands during the Construction, Operations, Closure, and Post-closure phases. The WMOP, approved by the Environmental Assessment Office (EAO) on February 14, 2023 and updated March 2024 (Version H.1, ERM Consultants Canada Ltd. [ERM] 2024), incorporates requirements from the Environmental Assessment Certificate #M19-01 (EAC), the federal Decision Statement (DS), and the master Mitigation Table which was approved by the EAO in November 2020 to address EAC Condition 43. The WMOP summarizes the baseline data, mitigation measures, offsetting plans, and management and monitoring details for wetland function losses and gains. Through the development and implementation of the WMOP, BW Gold commits to adhering to the Federal Policy on Wetland Conservation (Government of Canada 1991) of no net loss of wetland function.

An annual report is required as a component of the WMOP. This document is the 2025 WMOP Annual Report and summarizes BW Gold's implementation of the WMOP (ERM 2024) and compliance with EAC and federal DS Conditions for wetlands in Year 1 (2025). The objective of the 2025 WMOP Annual Report (WMOP section 12.2.1, ERM 2024) is to summarize and present the results of the follow-up programs and monitoring of mitigation measures during the previous year. WMOP (ERM 2024) implementation, including monitoring surveys, analysis of results, and evaluation of the effectiveness of the program, was undertaken by or performed under the supervision of a Qualified Person (QP).

2.1 CONSULTATION WITH INDIGENOUS GROUPS

BW Gold has engaged with Indigenous groups and key government agencies on wetland mitigation measures and wetland offset since Fall 2021 (WMOP section 9.1, ERM 2024). In 2025, BW Gold continued engagement with Indigenous groups to communicate updates and engage Nations and other stakeholders on wetland management and offsetting, including:

- **2024 WMOP Annual Report**—The 2024 WMOP Annual Report was shared with Lhoosk'uz Dené Nation (LDN) and Ulkatcho First Nation (UFN) on March 12, 2025 through submission of the 2024 Self-Compliance Report for the BW Gold Mine, *C24 Wetland Management and Offsetting Report*, per EAC Condition 5. Comments on the 2024 WMOP Annual Report were received from Source Environmental Associates Inc. (Source) on behalf of LDN and UFN August 16, 2025 and BW Gold provided responses September 18, 2025. Comments are incorporated in the 2025 WMOP Annual Report, where applicable, including discussion of active offsetting progress (section 3.3), status of alternative offset sites (section 3.3), mitigation measures for wetlands including blue-listed communities (section 3.1; Appendix A), and opportunities to engage UFN and LDN in long-term monitoring site selection and UFN and LDN Aboriginal Group Monitors in monitoring implementation (section 4.2). As identified through 2024 WMOP Annual Report engagement, the comments on the 2024 WMOP will be addressed in the next WMOP update planned for 2026.
- **Long-term Wetland Monitoring (Section 4.2)**—BW Gold developed a plan for engagement with LDN and UFN on the selection of additional monitoring sites and development of the

comprehensive long-term monitoring program, planned in 2025 for implementation in 2026 to meet WMOP requirement of consultation to select long-term monitoring sites (WMOP sections 9.1, 10.1, ERM 2024).

- **ELoMC Meetings**—The 2024 WMOP Annual Report slide deck was shared with UFN and LDN from the October 23, 2025 ELoMC meeting for Nation review and discussion at a future ELoMC meeting as needed. The 2024 WMOP Annual Report was planned for discussion during the October 23, 2025 ELoMC meeting and postponed to the November 27, 2025 ELoMC meeting due to time limitations; however, both meetings focused on other topics and time did not permit discussion of wetlands.

Through 2025 engagement activities, a future opportunity to engage UFN/LDN Aboriginal Group Monitors in wetland monitoring and training through the Annual Conceptual Monitoring Program, was presented, with discussion planned following engagement on long-term monitoring site selection (section 4.2).

3. FOLLOW-UP WETLAND MONITORING RESULTS

3.1 WETLAND MITIGATION

BW Gold implemented mitigation measures and best management practices of avoidance, minimization, and restoration for wetlands in Year 1 (2025) as summarized in Appendix A (DS Condition 5.1). This included mitigation measures implemented at all Mine components (Table A-1) and transmission line (Table A-2), identified in WMOP Appendix P (ERM 2024) and the master Mitigation table (EAC Condition 43) to minimize impacts to wetlands including blue-listed communities. No disturbances to the transmission line area occurred in 2025 (Table A-2). Details on the 30-metre wetland buffer and wetland offsetting are further discussed in section 3.2 and section 3.3. No modified or additional mitigation measures were implemented in Year 1 (2025).

3.2 WETLAND 30-METRE BUFFER

BW Gold maintained a 30-metre buffer of undisturbed vegetation surrounding wetlands at the Mine in Year 1 (2025), excluding activities required to construct Mine components (DS Condition 5.2). No non-construction activities were conducted in Year 1 (2025) within the 30-metre buffer from wetlands, as summarized in Table 3.2-1.

3.3 WETLAND OFFSETTING

Wetland compensation (offsetting) activities were progressed in Year 1 (2025) at Mathews Creek Ranch and Dykam Ranch offsetting sites. Wetland and fish habitat offsetting plan budgeting, scheduling, and scope of work were prepared in 2025, for work commencement planned in 2026 at Mathews Creek Ranch and Dykam Ranch offsetting sites. Wetland site preparation is planned to occur in tandem with fisheries offset pond construction in 2026 and revegetation occurring after fisheries offset pond construction (WMOP section 9, ERM 2024).

Passive restoration continued at Mathews Creek Ranch in 2025 through the removal of grazing and livestock pressure since 2013 (WMOP section 9.2). Cattle exclusion fencing for Dykam Ranch was discussed and materials purchased in 2024; however, was not installed in 2025. Baseline wetland field surveys at Dykam Ranch offsetting site were completed August 24-31, 2025, with mapping and evaluation of baseline wetland function to be completed in 2026. Alternative offset sites (WMOP Appendix E, ERM 2024) were not investigated further in 2025 since BW Gold focused on progressing active restoration plans at Mathews Creek Ranch and Dykam Ranch. No active restoration, enhancement, or creation activities were completed at offsetting sites in Year 1 (2025).

3.4 PRE-CONSTRUCTION WETLAND SURVEYS

Wetland pre-construction (baseline) surveys at the Mine were completed in 2022 as described in WMOP section 7 and Appendix D (ERM 2024).

TABLE 3.2-1 NON-CONSTRUCTION ACTIVITIES CONDUCTED WITHIN 30-METRE BUFFER FROM WETLANDS (2025)

Non-Construction Activity Within 30 m Wetland Buffer	Measures Implemented in 2025	Location(s) Within 30 m Wetland Buffer	Date(s)	Independent Environmental Monitor Present	Description
Invasive Plant Management	None	N/A	N/A	N/A	No invasive plant management activities were implemented within the 30 m wetland buffer in 2025. Additional details are described in the 2025 Invasive Plant Annual Report (ERM 2026).
Erosion and Sediment Control	None	N/A	N/A	N/A	No erosion and sediment control activities were implemented within the 30 m wetland buffer in 2025.
Safety	None	N/A	N/A	N/A	No safety activities were implemented within the 30 m wetland buffer in 2025.
Other Activity	None	N/A	N/A	N/A	No other disturbance activities were completed within the 30 m wetland buffer in 2025, beyond what was required for Mine construction.

Notes:

ha = hectare; m = metre

3.5 CHANGE IN WETLAND EXTENT AND FUNCTION AT THE MINE

Wetland losses were assessed for Year 1 (2025) for the Mine using a footprint overlay analysis as described in WMOP sections 7.4 and 7.4.1 (ERM 2024). This process involves overlaying baseline wetlands (WMOP section 7; section 3.4) with Mine footprints to identify areas of direct loss (direct overlap) in wetland extent/function and areas of indirect loss in wetland function for wetlands remaining in proximity to Mine infrastructure. Baseline wetland areas directly overlapped by Mine infrastructure were identified as direct loss and assigned complete loss of wetland extent and function for the area of direct overlap. Wetland areas remaining in proximity to Mine infrastructure were assigned an impact category based on the expected impacts (indirect loss) to wetland function as follows: high impact with complete loss of function (wetlands with $\geq 50\%$ overlap), moderate impact with degraded/reduced function determined through long-term monitoring (wetlands with $\geq 10\%$ $< 50\%$ overlap, surrounded by infrastructure, or neighbouring wetlands with $\geq 50\%$ overlap), and low impact with no loss of function (wetlands with $< 10\%$ overlap).

Year 1 (2025) as-built wetland losses were calculated based on the Mine disturbance extents in the Year 1 (2025) as-built footprint (section 3.5.1). As-built wetland extent losses included direct loss (direct overlap), while as-built wetland function losses included direct loss and high impact wetlands ($\geq 50\%$ overlap) for Year 1 (2025). However, since long-term wetland monitoring data is not yet available for a sufficient timeline to assess indirect impacts to remaining wetlands (WMOP section 10, ERM 2024), moderately impacted wetlands are not included in Year 1 (2025) as-built wetland function losses.

Year 1 (2025) as-built wetland losses are reported for cumulative wetland loss and annual wetland loss. Cumulative wetland loss represents the total wetland loss to date calculated as the difference between the current year's disturbance footprint and the pre-construction state. Annual wetland loss is the increase in wetland loss since the prior year, calculated as the difference in loss between the current year's cumulative wetland loss and cumulative wetland loss in the previous year:

$$\text{Year 1 (2025) As-Built Annual Loss} = [\text{2025 As-Built Cumulative Loss}] - [\text{2024 As-Built Cumulative Loss}]$$

Year 1 (2025) as-built losses were compared against predicted wetland losses in the WMOP (Table 9.7-2, ERM 2024), including the Year 1 predicted footprint design (WMOP Figure K-3, ERM 2024) and predicted Year 23 Full Build-out Footprint design (WMOP Figure K-9, ERM 2024). The predicted footprints are based on the 2021 engineering site designs for Project infrastructure build-out scenarios (General Arrangement Drawings and Pipeline Figures) from the BW Gold 2021 MAEMA Permit Application and reflect precise infrastructure design footprints rather than constructability requirements such as considerations for site accessibility or supporting infrastructure. The Year 1 predicted footprint design (WMOP Figure K-3, ERM 2024) excludes some critical Mine infrastructure such as the Interim Environmental Control Dam, a component of the TSF, and other infrastructure such as the Freshwater Reservoir Freshwater Reservoir Overflow Spillway and Lake 15/16 Connector Channel not included in Year 1 infrastructure designs at the time the WMOP was assembled.

To monitor wetland loss over the life of the Mine, a ledger was developed to compare actual (as-built) versus predicted wetland extent and function (i.e., Functional Area [FA]) lost during the associated stages of development (WMOP Table 9.7-2, ERM 2024; section 3.5.3). The as-built versus predicted loss (%) in wetland extent and function at the schedule was calculated for the cumulative loss at each given year as *As-built Loss* divided by *Predicted Loss* multiplied by 100, wherein values greater than 100% represent as-built loss exceeding predicted loss.

3.5.1 YEAR 1 (2025) AS-BUILT FOOTPRINT

The Year 1 (2025) as-built footprint is 1,259.9 hectares (ha; Figure 3.5-1), reflecting cumulative disturbance to date mapped based on actual disturbance extents in 2025. This includes the as-built disturbance footprint at the Mine, in addition to estimated transmission line tower footprints (40 metre [m] by 40 m) based on maximum potential disturbance with the transmission line towers. The Year 1 (2025) as-built footprint does not include transmission line access roads, since transmission line access road placement and construction has not been completed. Lidar will be used to map the as-built road footprints (once constructed) and update the tower footprints to reflect the as-built disturbance footprint for the transmission line, captured in a future annual reporting year. Year 1 (2025) represents 237.2 ha of additional disturbance in comparison with the Year -1 (2024) as-built footprint. Section 1.3 summarizes the construction completed in 2025.

3.5.2 YEAR 1 (2025) WETLAND EXTENT AND FUNCTION LOSS

Wetland losses due to Mine infrastructure and construction activities for the Year 1 (2025) as-built footprint are illustrated in Figure 3.5-1, Figure 3.5-2, and Appendix B. Cumulative loss and annual loss are presented in Table 3.5-1 by wetland site association. Appendix C presents the losses by individual wetland area. Clearing and logging disturbances occurred throughout the as-built footprint at the Mine site and transmission line (Figure 3.5-1).

A total of 137 individual wetlands have been impacted to date as overlapped by the Year 1 as-built footprint (Figure 3.5-2), including 20 newly impacted in 2025. Of the total directly impacted wetlands to date, 60 (44%) are classed as fully lost with complete loss of wetland function/area (i.e., $\geq 50\%$ overlap; high impact), 37 (27%) are classed as moderate overlap (i.e., 10-50% overlap) with partial loss in function/area, and 40 (29%) with classed as low impact (i.e., $< 10\%$ overlap) with partial loss in function/area. An additional 64 wetlands do not experience direct overlap but are classified in the moderate impact group (Figure 3.5-2) based on their proximity to the as-built footprint and potential degradation of wetland function (see WMOP section 7.4, ERM 2024).

The total cumulative extent lost (ha) of wetlands amounted to 45.25 ha, an annual wetland loss of 17.21 ha for 2025 (Table 3.5-1; Figure 3.5-1; Figure 3.5-2). Expressed in terms of wetland function, a cumulative total of 1,341 FA has been lost to date, or 451 annual FA lost in 2025 (Table 3.5-1). Swamps experience the largest area of extent loss (ha) and FA lost, followed by bog, marsh, fen, and shallow open water (Figure 3.5-1; Table 3.5-1).

FIGURE 3.5-1 BLACKWATER YEAR 1 (2025) AS-BUILT FOOTPRINT

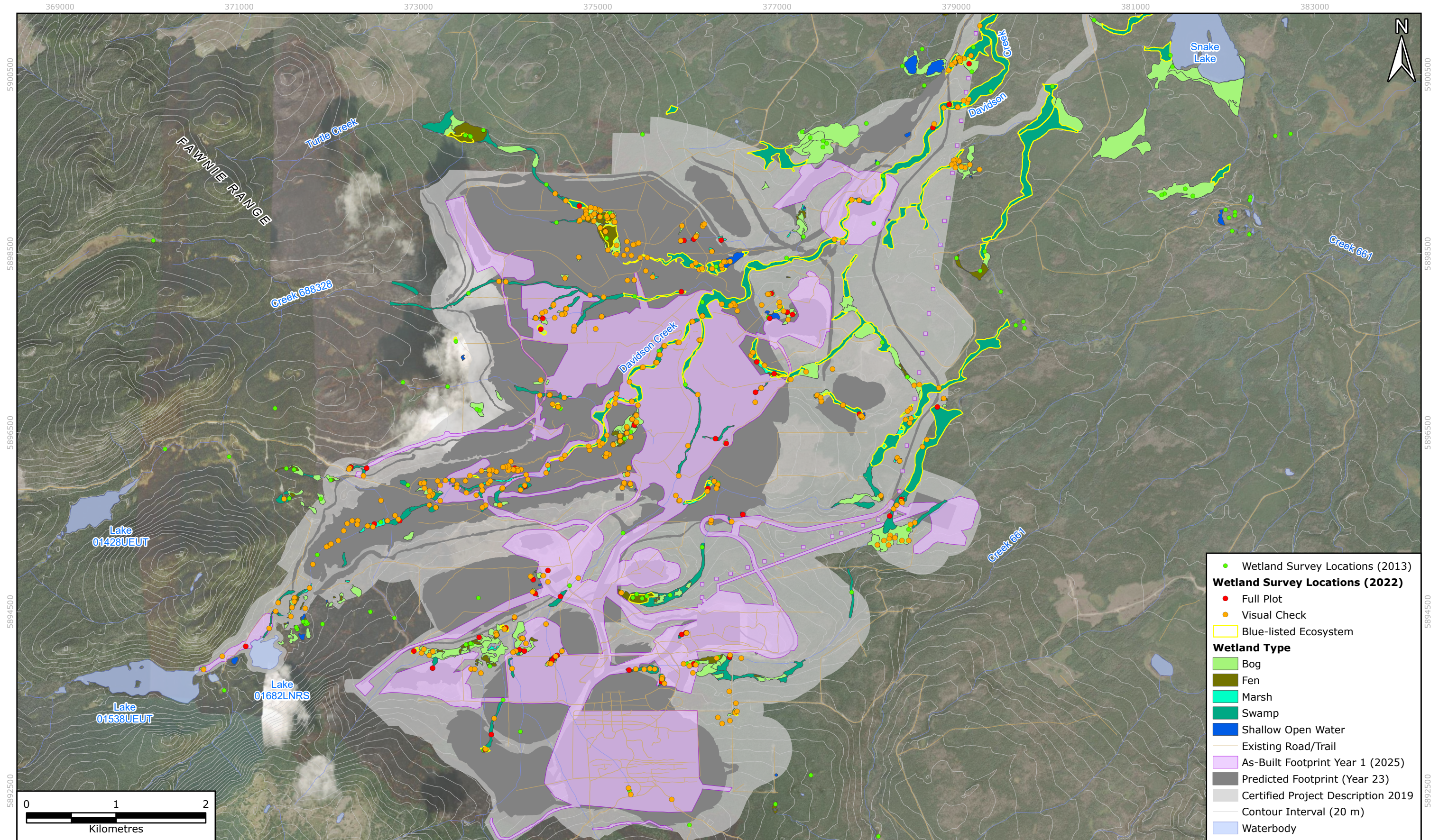


FIGURE 3.5-2 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, MINE SITE

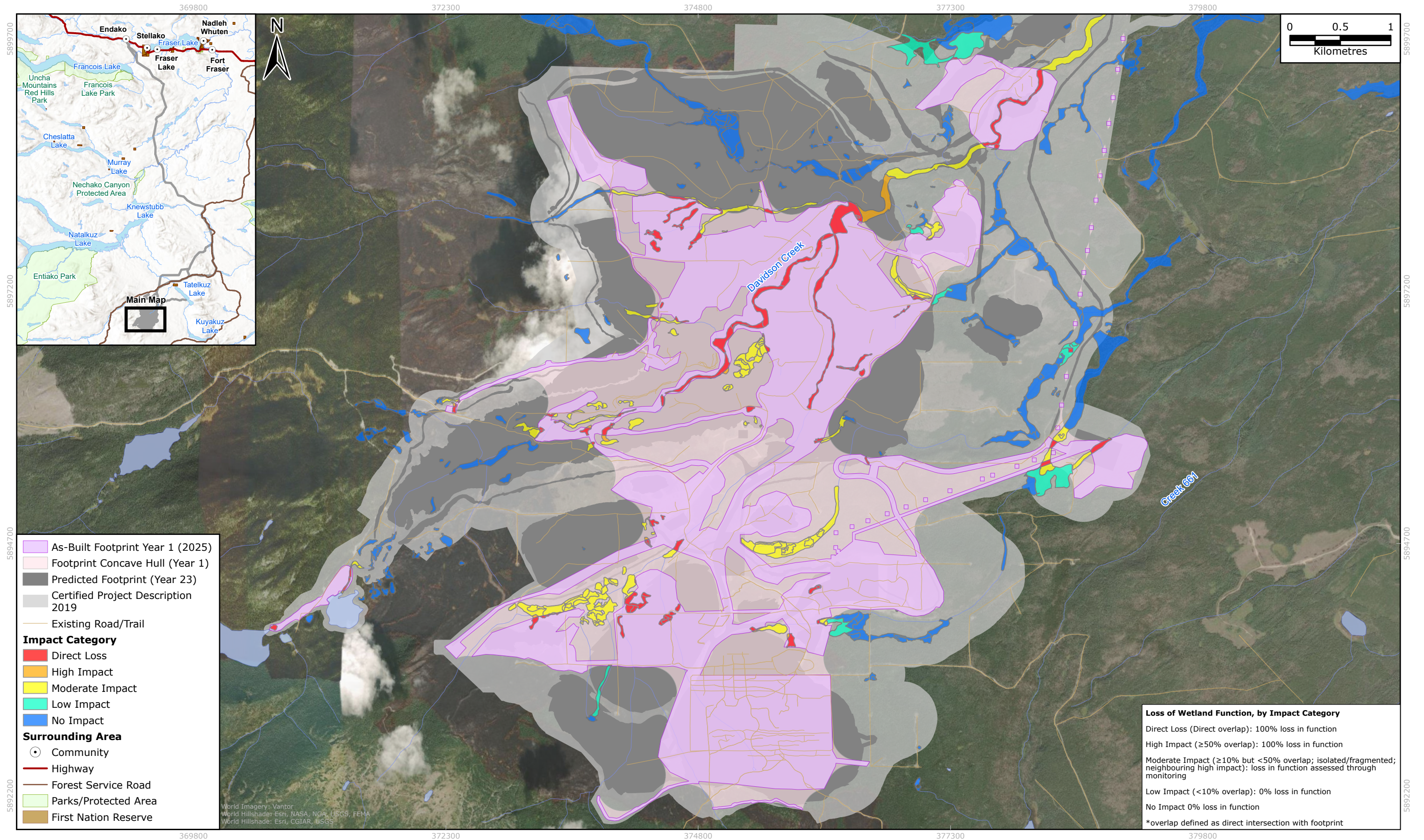


TABLE 3.5-1 YEAR 1 (2025) WETLAND EXTENT AND FUNCTIONAL AREA CUMULATIVE AND ANNUAL LOSSES BY SITE ASSOCIATION

Wetland Class	Wetland Site Association ^a	Area of Direct Loss by Site Association (ha) ^b	Area of Direct Loss (ha) ^b	Number of Wetlands Affected ^c	Functional Area (FA) Loss ^d
Bog	Wb05	1.66 (+0.55)	6.93 (+3.43)	36 (+7)	190 (+90)
	Wb08	4.69 (+2.30)			
	Wb10*	0.58 (+0.58)			
Fen	Wf01	0.09 (0)	1.15 (+0.56)	14 (+2)	33 (+25)
	Wf02	0.42 (+0.33)			
	Wf04	0.42 (-0.23 ^e)			
	Wf06	0.12 (0)			
	Wf13*	0.09 (0)			
Marsh	Wm00	0.07 (0)	1.46 (+0.51 ^e)	9 (+3)	44 (+16)
	Wm01	1.40 (+0.51)			
Swamp	Ws04	2.48 (+0.71)	35.71 (+12.71)	77 (+8)	1074 (+330)
	Ws07*	21.15 (+7.06)			
	Ws08	13.08 (+4.94)			
Cumulative Loss		45.25 ha	45.25 ha	137	1,341 FA
Annual Loss		17.21 ha	17.21 ha	20	451 FA

Notes:

FA = Functional Area; ha = hectare

Cumulative losses are reported, with annual losses (change from prior year) shown in brackets, i.e., Cumulative (Annual).

* Blue-listed ecosystem as described in EcoLogic 2022 (WMOP Appendix I, ERM 2024).

^a Wetland Site Association Codes (McKenzie and Moran 2004): Wb05 = Black Spruce—Water Sedge—Peat-moss, Wb08 = Black Spruce—Soft-leaved Sedge—Peat-moss, Wb09 = Black Spruce—Common Horsetail—Peat-moss, Wb10* = Lodgepole pine—Few-flowered sedge—Peat-moss, Wb13* = Shore Sedge—Buckbean—Peat-moss, Wf01 = Water Sedge—Beaked Sedge, Wf02 = Scrub Birch—Water Sedge, Wf04 = Barclay's Willow—Water Sedge—Glow Moss, Wf06 = Slender Sedge—Buckbean, Wf13* = Narrow-leaved Cotton-grass—Shore Sedge, Wm00 = Unclassified Marsh not represented in McKenzie and Moran (2004), Wm01 = Beaked Sedge—Water Sedge, Ww = Shallow-water, Ws00 = Unclassified Swamp not represented in McKenzie and Moran (2004), Ws04 = Drummond's Willow—Beaked Sedge, Ws07* = Spruce—Common Horsetail—Leafy Moss, Ws08 = Subalpine Fir—Sitka Valerian—Common Horsetail, Wb = Bog Wetland, Wf = Fen Wetland, Wm = Marsh Wetland, Ws = Swamp Wetland.

^b Area of direct loss (ha) is the area of direct overlap with the as-built footprint.

^c Number of wetlands affected is a count of individual wetlands with any degree of overlap within the as-built footprint, experiencing partial or full loss in wetland extent and associated loss in wetland function for the area of direct overlap.

^d Functional Area (FA) Lost is the total loss in wetland function considering direct loss (direct overlap) and indirect loss (wetlands with high $\geq 50\%$ overlap), as described in WMOP section 7.4.1.1 (ERM 2024). Partial loss in function (degraded) for remaining wetlands in the moderate impact group are not currently included in Functional Area Lost but will be assessed through a commitment to monitoring as described in WMOP section 10 (ERM 2024).

Four blue-listed ecosystems (Figure 3.5-1) have been impacted by clearing activities to date, two of which were impacted in Year 1 (2025). No red-listed wetland site associations were observed at the Mine site (EcoLogic 2022; WMOP Appendix I, ERM 2024). Clearing activities have resulted in cumulative losses of blue-listed ecosystems totaling 21.15 ha of Ws07 *Spruce—Common Horsetail—Leafy Moss* swamp, 0.58 ha of Wb10 *Lodgepole pine—Few-flowered sedge—Peat-moss* bog, and 0.09 ha of Wf13 *Narrow-leaved cotton-grass—Shore Sedge* fen (Table 3.5-1). Annual losses of blue-listed ecosystems in Year 1 (2025) include 7.06 ha of Ws07 *Spruce—Common Horsetail—Leafy Moss* swamp and 0.58 ha of Wb10 *Lodgepole pine—Few-flowered sedge—Peat-moss* bog (Table 3.5-1).

3.5.3 YEAR 1 (2025) AS-BUILT VERSUS PREDICTED WETLAND LOSS

Table 3.5-2 and Table 3.5-3 show the predicted versus actual (as-built) wetland extent and function lost for Year 1 (2025), including cumulative and annual losses. Wetland as-built cumulative extent loss exceeds the predicted cumulative loss at the schedule by 12.03 ha (36%; Table 3.5-2); however, represents 40% of the total of the 113.71 ha predicted wetland loss for the Year 23 Full Build-Out Footprint (WMOP section 9.7, ERM 2024). Wetland function as-built cumulative loss to date exceeds predicted cumulative loss at the schedule (Year 1) by 375 FA (39%); however, represents 43% of the 1,341 FA predicted total wetland loss for the Year 23 Full Build-Out Footprint (Table 3.5-3). In terms of annual losses for Year 1 (2025), as-built annual extent and FA loss, exceed predicted annual losses by 6.94 ha (68%) and 151 FA (50%), respectively (Table 3.5-2; Table 3.5-3).

3.6 CHANGE IN WETLAND EXTENT AND FUNCTION AT THE OFFSETTING SITES

Wetland gains to date at Mathews Creek Ranch through conservation represent the full predicted 225 ha wetland extent gain and 4,101 FA gain for function with BW Gold's securement of fee-simple ownership of 74.15 ha in 2013 (2,046 FA) and 150.84 ha (2,055 FA) of Crown land (WMOP section 9.7, ERM 2024). Wetland function gains to date at Mathews Creek Ranch for restoration are from passive restoration beginning 2013 (453 FA) and represent 49% of the total predicted potential FA gain (924 FA; WMOP Table 7.4-2, ERM 2024). However, active restoration as required and described by the WMOP (section 9.2, ERM 2024) has not been implemented at Mathews Creek Ranch.

Wetland gains to date at Dykam Ranch through conservation represent the full predicted 248 ha wetland extent gain through BW Gold's securement of a 99-year statutory right of way and license agreement on May 1, 2023 as described in the WMOP (ERM 2024). Baseline wetland field surveys at Dykam Ranch offsetting site were completed in 2025, with mapping and evaluation of baseline wetland function to be completed in 2026 and included in the 2026 WMOP Annual Report. As such, no wetland function gains at Dykam Ranch for enhancement or conservation are reported to date.

TABLE 3.5-2 PREDICTED VERSUS ACTUAL (AS-BUILT) LOSSES IN WETLAND EXTENT (IN HECTARES) BY MINE DEVELOPMENT OVER TIME

Mine Component ^a	Wetland Class	Predicted Year -2	As-Built Year -2 (2023)	Predicted Year -1	As-Built Year -1 (2024)	Predicted Year 1	As-Built Year 1 (2025)	Predicted Year 2	Predicted Year 3	Predicted Year 8	Predicted Year 13	Predicted Year 18	Predicted Year 23	Predicted Total Loss (Full Build-Out)	As-Built Cumulative Loss to Date (2025)
Fresh Water Supply System	Bog	0	0	0	0	0	0	0	0	0.34	0	0	0	0.34	0
	Fen	0	0	0	0	0	0	0	0	0.12	0	0	0	0.12	0
	Swamp	0	0	0	0	0	0	0	0	0.44	0	0	0	0.44	0
Mine Access Road	Fen	0.02	0	0	0	0	0	0	0	0	0	0	0	0.02	0
	Swamp	0.61	0	0	0	0	0	0	0	0	0	0	0	0.61	0
Mine Site	Bog	0.84	2.60	1.56	0.46	1.24	3.43	4.44	0.40	7.50	3.97	0.94	0.91	21.80	6.49
	Fen	0.23	0.55	0.16	0	0.46	0.56	1.45	0.41	7.58	0.83	0.04	0.08	11.24	1.11
	Marsh	0.34	1.52	0.29	-0.59	0.54	0.52	0.23	0.55	2.72	0.79	0	0.05	5.51	1.45
	SOW	0.49	0.22	0	-0.22	0.08	0	0.04	0	0.36	0.71	0.22	0.10	1.99	0
	Swamp	9.76	18.28	6.00	3.50	7.95	12.71	0.29	0.67	30.56	10.14	2.46	1.25	69.09	34.49
Transmission Line (ROW Roads and Towers Only)	Bog	0.26	0	0	0.44	0	0	0	0	0	0	0	0	0.26	0.44
	Fen	0.43	0	0	0.04	0	0	0	0	0	0	0	0	0.43	0.04
	Marsh	0.04	0	0	0.02	0	0	0	0	0	0	0	0	0.04	0.02
	Swamp	1.91	0	0	1.22	0	0	0	0	0	0	0	0	1.91	1.22
Annual Extent (ha) Loss		14.94	23.18	8.01	4.87	10.27	17.21	6.46	2.03	49.61	16.43	3.65	2.39	113.71	—
Cumulative Extent (ha) Loss		14.94	23.18	22.95	28.05	33.22	45.25	39.68	41.72	91.33	107.76	111.41	113.71	113.71	45.25
Annual As-Built vs Predicted Extent (ha) Loss (%)^b		—	8.24 (55%)	—	-3.14 (-39%)	—	6.94 (68%)	—	—	—	—	—	—	—	—
Cumulative As-Built vs Predicted Extent (ha) Loss (%)^b		—	8.24 (55%)	—	5.10 (22%)	—	12.03 (36%)	—	—	—	—	—	—	—	-68.46 (-60%)

Notes:

ha = hectare; ROW = right-of-way; SOW = shallow open water

^a Mine Component for predicted losses assigned based on the intersecting feature within the Year 23 Full Build-Out Footprint. Where multiple Mine components overlap the same wetland polygon, feature attribution was assigned in order of priority as follows: Mine Access Road, Mine Site, Transmission Line. The Airstrip Access Road and Freshwater Supply Line did not have common overlaps.

Mine Component for as-built losses assigned based on the intersecting feature within the As-built Footprint. Where multiple Mine Components overlap the same wetland polygon, feature attribution was assigned based on which component had the largest area overlap.

^b As-built vs Predicted Loss at the schedule is calculated as: As-built – Predicted, e.g., [Year 1 As-built] – [Year 1 Predicted]. Percentage difference calculated as: (As-built – Predicted)/Predicted*100, e.g., ([Year 1 As-built] – [Year 1 Predicted])/[Year 1 Predicted]*100. Values greater than 0 represent as-built loss exceeding predicted loss at the schedule by that amount, while values less than 0 represent as-built loss less than predicted loss at the schedule.

^c Negative annual losses are due to disturbance mapping overestimation in 2023 (as described in the 2024 WMOP Annual Report, section 3.5.1).

TABLE 3.5-3 PREDICTED VERSUS ACTUAL (AS-BUILT) LOSSES IN WETLAND FUNCTIONAL AREA BY MINE DEVELOPMENT OVER TIME

Mine Component ^a	Wetland Class	Predicted Year -2	As-Built Year -2 (2023)	Predicted Year -1	As-Built Year -1 (2024)	Predicted Year 1	As-Built Year 1 (2025)	Predicted Year 2	Predicted Year 3	Predicted Year 8	Predicted Year 13	Predicted Year 18	Predicted Year 23	Predicted Total FA Loss (Full Build-Out)	As-Built Cumulative FA Loss to Date (2025)
Fresh Water Supply System	Bog	0	0	0	0	0	0	0	0	9	0	0	0	9	0
	Fen	0	0	0	0	0	0	0	0	3	0	0	0	3	0
	Swamp	0	0	0	0	0	0	0	0	12	0	0	0	12	0
Mine Access Road	Fen	1	0	0	0	0	0	0	0	0	0	0	0	1	0
	Swamp	14	0	4	0	0	0	0	0	0	0	0	0	14	0
Mine Site	Bog	34	75	44	13	31	90	122	9	220	87	25	24	598	178
	Fen	6	17	4	0	13	15	48	5	221	25	0	2	325	32
	Marsh	10	45	12	-18 ^c	16	16	7	16	80	23	0	1	164	43
	SOW	18	7	0	-7 ^c	2	0	0	0	11	21	32	3	88	0
	Swamp	337	626	113	86	238	331	8	17	881	206	36	29	1,866	1043
Transmission Line (ROW Roads and Towers Only)	Bog	7	0	0	12	0	0	0	0	0	0	0	0	7	12
	Fen	12	0	0	1	0	0	0	0	0	0	0	0	12	1
	Marsh	1	0	0	1	0	0	0	0	0	0	0	0	1	1
	Swamp	46	0	0	32	0	0	0	0	0	0	0	0	50	32
Annual FA Loss		487	770	177	120	300	451	184	47	1,438	362	94	60	3,150	—
Cumulative FA Loss		487	770	664	890	966	1,341	1,148	1,195	2,633	2,996	3,090	3,150	3,150	1,341
Annual As-Built vs Predicted FA Loss (%)^b		—	283 (58%)	—	-57 (-32%)	—	151 (50%)	—	—	—	—	—	—	—	—
Cumulative As-Built vs Predicted FA Loss (%)^b		—	283 (58%)	—	226 (34%)	—	375 (39%)	—	—	—	—	—	—	—	-1,809 (-57%)

Notes:

FA = Functional Area; ROW = right-of-way; SOW = shallow open water

^a Mine Component for predicted losses assigned based on the intersecting feature within the Year 23 Full Build-Out Footprint. Where multiple Mine components overlap the same wetland polygon, feature attribution was assigned in order of priority as follows: Mine Access Road, Mine Site, Transmission Line. The Airstrip Access Road and Freshwater Supply Line did not have common overlaps.

Mine Component for as-built losses assigned based on the intersecting feature within the As-built Footprint. Where multiple Mine Components overlap the same wetland polygon, feature attribution was assigned based on which component had the largest area overlap.

^b As-built vs Predicted Loss at the schedule is calculated as: As-built – Predicted, e.g., [Year 1 As-built] – [Year 1 Predicted]. Percentage difference calculated as: (As-built – Predicted)/Predicted*100, e.g., ([Year 1 As-built] – [Year 1 Predicted])/[Year 1 Predicted]*100. Values greater than 0 represent as-built loss exceeding predicted loss at the schedule by that amount, while values less than 0 represent as-built loss less than predicted loss at the schedule.

^c Negative annual losses are due to disturbance mapping overestimation in 2023 (as described in the 2024 WMOP Annual Report, section 3.5.1).

4. LONG-TERM WETLAND MONITORING RESULTS

BW Gold will implement a long-term monitoring program to assess the effects of the Mine on wetlands remaining within, and adjacent to, the Mine footprint following construction, and the effects of restoration on wetland function at offsetting sites (WMOP section 10, ERM 2024). This will verify the predictions of the Environmental Impact Statement (EIS; New Gold Inc. 2015, ERM 2017) as it pertains to the adverse environmental effects of the Mine on wetland functions and to determine the effectiveness of the wetland mitigation measures in fulfillment of DS Condition 5.5.

The long-term wetland function monitoring program, required to re-evaluate wetland function (WMOP section 10.4.3, ERM 2024; DS Condition 5.5, 5.5.2, 5.5.3), is in development in Year 1 (2025) as described in section 4.2. The groundwater monitoring program (WMOP Appendix R, ERM 2024), used to monitor wetland hydrology, was implemented at the Mine and Mathews Creek Ranch in Year 1 (2025) as described in section 4.3. No change to the monitoring program was made in 2025.

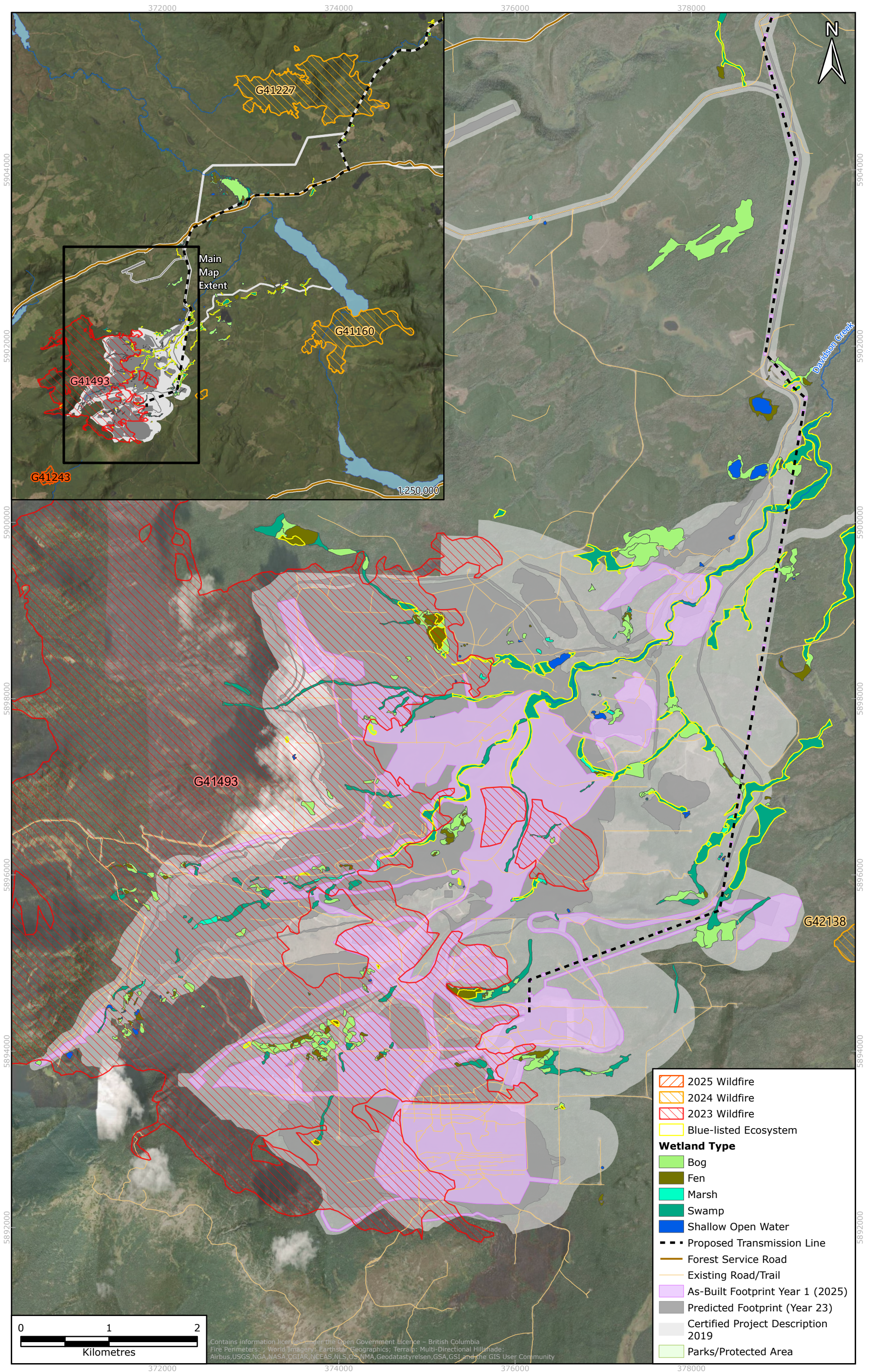
4.1 WILDFIRES

There have been several wildfires in the vicinity of the mine since baseline wetland surveys were completed in 2022 (Figure 4.1-1). Wetland monitoring will consider these fires when evaluating changes in wetland extent and function at the Mine and offsetting activities. Wildfire impacts to wetlands will be recognized as naturally disturbed for future monitoring purposes so that there is an appropriate interpretation of changes to wetlands due to the Mine versus wildfire effects.

Several wildfires occurred in the vicinity of the Mine in 2025; however, construction, operations and monitoring activities at the Mine continued. No evacuations occurred, no fires intercepted the mine site, Forest Service Road (FSR), transmission line, or planned offsetting sites, and the timing and completion of wetland monitoring was not impacted. Smoke produced from those fires impacted air quality at the mine during the summer months. No Mine or offsetting site wetlands were directly impacted by wildfires in 2025 (Figure 4.1-1), the closest wildfire being 3.5 km from wetlands along the transmission line (Fire Number: G41250; BC Wildfire Service 2026).

Wildfire impacts to wetland areas and wetland monitoring in 2023 and 2024 are presented in ERM (2025). The 2023 Holdover Davidson Creek wildfire (4,878.8 ha; Fire Number: G41493; BC Wildfire Service 2023a) directly impacted a total of 101.32 ha of wetlands in the vicinity of the Mine (Figure 4.1-1), including 18.36 ha blue-listed wetlands. The 2023 wildfire also required clearing of a firebreak (11.88 ha) at the Mine impacting wetlands (0.91 ha; 90 FA). No Mine or offsetting site wetlands were directly impacted as a result of the 2024 fire (2,840.8 ha; Fire Number: G41227; BC Wildfire Service 2024); however, changes to hydrology as a result of wildfire can indirectly affect wetlands (Shakesby and Doerr 2006).

FIGURE 4.1-1 WILDFIRE EXTENTS NEAR THE BLACKWATER MINE, 2023-2025



4.2 WETLAND FUNCTION MONITORING

Long-term wetland function monitoring as described in the WMOP section 10 and Appendix O (ERM 2024) is in development to select monitoring locations in collaboration with LDN and UFN, in alignment with Mine construction and offsetting schedule. In support of meeting WMOP requirement of consultation to select long-term monitoring sites (WMOP sections 9.1, 10.1, ERM 2024; DS Conditions 5.3, 5.5, 2.4, 2.5, 2.10), BW Gold identified potential additional wetland long-term monitoring locations in 2025 to support discussions with LDN and UFN to select long-term monitoring locations in 2026. Potential additional wetland long-term monitoring sites were identified in 2025 by a QP, including at the Mine (DS Condition 5.5.2), offsetting sites (DS Condition 5.5, 5.5.3), and proposed reference wetlands (control areas). Engagement with LDN and UFN on the selection of additional monitoring sites and development of the comprehensive long-term monitoring program as planned in 2025 will occur into 2026, including discussion of opportunities to engage UFN/LDN Aboriginal Group Monitors in wetland monitoring through the Annual Conceptual Monitoring Program, identified through 2025 engagement (section 2.1).

At the Mine, the updated long-term wetland function monitoring is planned for implementation in 2026. This follows major construction works completed 2023-2025, with the 2025 footprint a good indicator of the full build-out footprint extents to identify wetlands remaining after vegetation clearing (DS Condition 5.5.2) and their Impact Category (WMOP section 7.4, ERM 2024) required for site selection as described in WMOP section 10 (ERM 2024). At offsetting sites, long-term wetland function monitoring is planned for implementation following the completion of active restoration in accordance with DS Condition 5.5.3 requiring annual monitoring beginning at the start of compensation until performance standards are met.

4.3 GROUNDWATER MONITORING

The groundwater monitoring program supports hydrological function assessment of the wetland monitoring, as described in WMOP section 10, Appendix D, and Appendix R (ERM 2024). In 2025, the groundwater monitoring program continued data collection and equipment maintenance at the Mine and Mathews Creek Ranch wetlands (Figure 4.3-1; Figure 4.3-2). Table 4.3-1 provides key installation details for mini-piezometers (MPs) such as location, depth, geology/soil type, and information on pressure transducer (levellogger) deployment at the Mine wetlands and Mathews Creek Ranch offsetting site. Information on barologger location and deployment are also included, used for calibration of MP data based on barometric pressure. Fieldwork began in May and June 2025, with pressure transducers (loggers) reinstalled at MP locations following their removal at the close of the 2024 monitoring year and manual measurements collected. A final site visit in October 2025 concluded the monitoring year, with pressure transducer data downloads and manual measurements collected for groundwater levels, MP depths, and MP stick-up heights.

FIGURE 4.3-1 LOCATIONS OF MINI-PIEZOMETERS AT BLACKWATER MINE WETLANDS

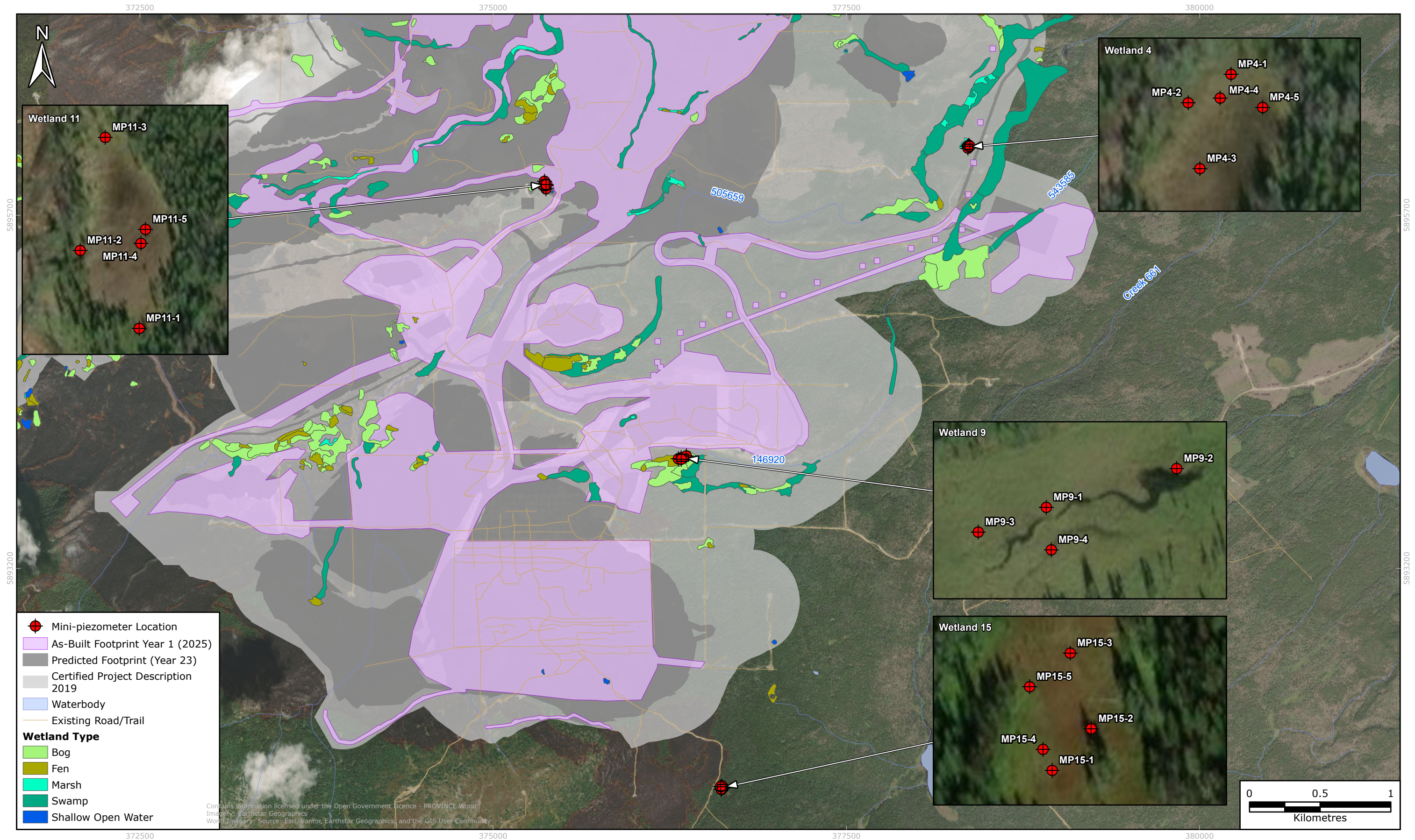


FIGURE 4.3-2 LOCATIONS OF MINI-PIEZOMETERS AT MATHEWS CREEK RANCH WETLANDS

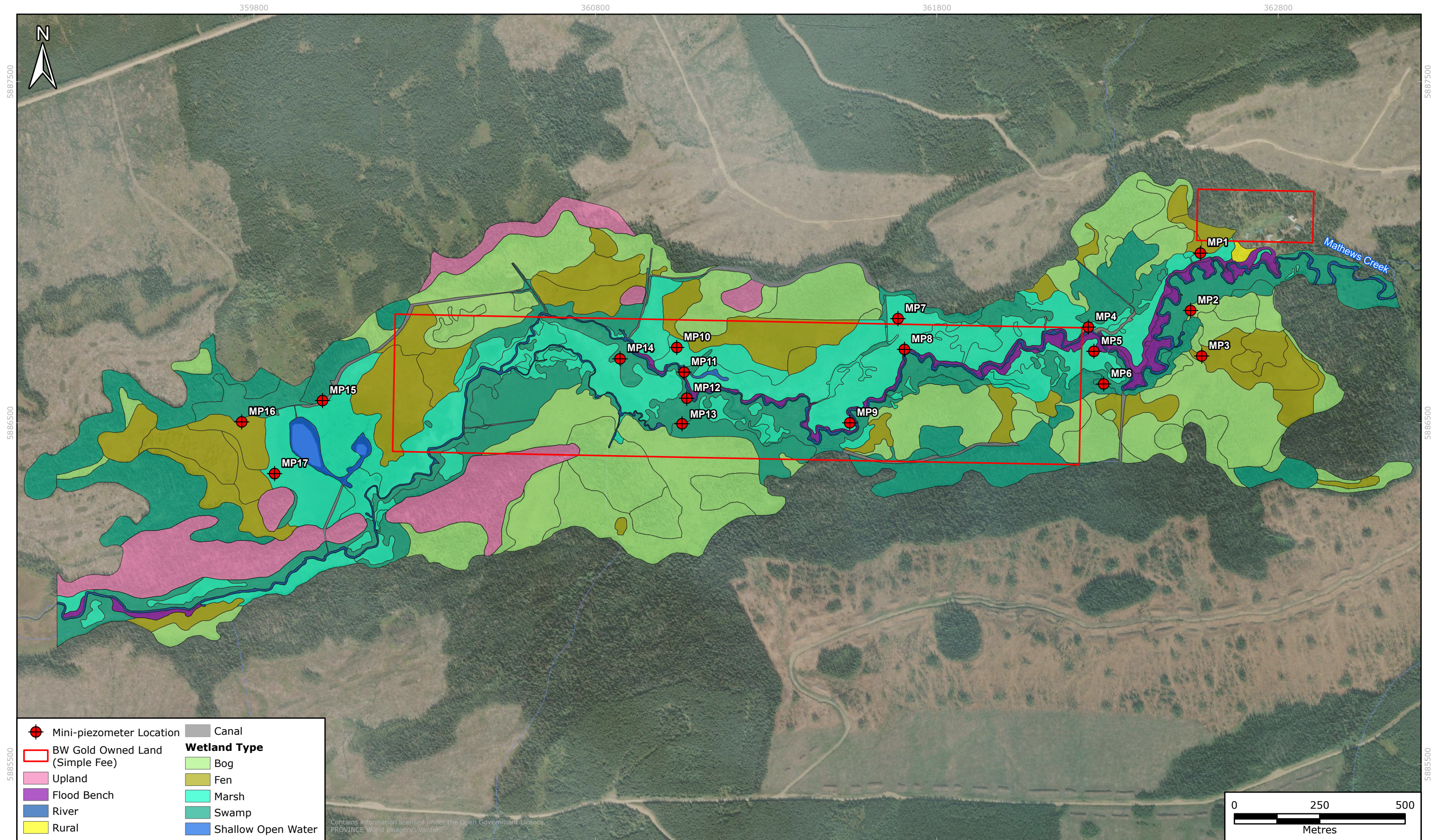


TABLE 4.3-1 MINI-PIEZOMETER INSTALLATION DETAILS FOR WETLANDS AT THE MINE SITE AND MATHEWS CREEK RANCH OFFSETTING SITE (2025)

Mini-Piezometer ID	Easting	Northing	Depth (m bgs)	Total MP Length (m)	Stick-Up (m)	Screen Length (m)	Screened Geology	Pressure Transducer
Mine Site								
MP4-1 (Steel)	378367	5896195	1.32	3.2	1.88	0.3	0-1.3 m: Peat and dark brown clay 1.3-2 m: Hard soil, gravelly	No ^a
MP4-1 (PVC)	378367	5896195	0.8	1.6	0.8	1.5		No
MP4-2 (Steel)	378358	5896189	1.35	3.2	1.85	0.3		No ^a
MP4-2 (PVC)	378358	5896189	0.8	1.6	0.8	1.5		No
MP4-3 (Steel)	378361	5896175	1.25	3.2	1.95	0.3		No ^a
MP4-3 (PVC)	378361	5896175	0.8	1.6	0.8	1.5		No
MP4-4 (Steel)	378365	5896190	1.31	3.2	1.89	0.3		No
MP4-4 (PVC)	378365	5896190	0.8	1.6	0.8	1.5		No
MP4-5 (Steel)	378374	5896188	1.55	3.2	1.65	0.3		No
MP4-5 (PVC)	378374	5896188	0.8	1.6	0.8	1.5		No
MP9-1 (Steel)	376331	5893984	1.5	3.2	1.7	0.3	0-1.7 m: Peat 1.7-2 m: Brown/Reddish clay	No ^a
MP9-1 (PVC)	376331	5893984	0.8	1.6	0.8	1.5		No
MP9-2 (Steel)	376368	5893995	1.5	3.2	1.7	0.3		No ^a
MP9-2 (PVC)	376368	5893995	0.8	1.6	0.8	1.5		No
MP9-3 (Steel)	376312	5893977	1.5	3.2	1.7	0.3		No
MP9-3 (PVC)	376312	5893977	0.8	1.6	0.8	1.5		No
MP9-4 (Steel)	376333	5893972	1.44	3.2	1.76	0.3		No ^a
MP9-4 (PVC)	376333	5893972	0.8	1.6	0.8	1.5		No

Mini-Piezometer ID	Easting	Northing	Depth (m bgs)	Total MP Length (m)	Stick-Up (m)	Screen Length (m)	Screened Geology	Pressure Transducer
Mine Site (cont'd)								
MP11-1 (Steel)	375361	5895900	1.46	3.2	1.74	0.3	0-1 m: Peat 1-2 m: Brown clay with roots and organics	Yes
MP11-1 (PVC)	375361	5895900	0.8	1.6	0.8	1.5		No
MP11-2 (Steel)	375357	5895910	1.5	3.2	1.7	0.3		No ^a
MP11-2 (PVC)	375357	5895910	0.8	1.6	0.8	1.5		No
MP11-3 (Steel)	375364	5895942	1.5	3.2	1.7	0.3		Yes
MP11-3 (PVC)	375364	5895942	0.8	1.6	0.8	1.5		No
MP11-4 (Steel)	375375	5895912	1.5	3.2	1.7	0.3		Yes
MP11-4 (PVC)	375375	5895912	0.8	1.6	0.8	1.5		No
MP11-5 (Steel)	375376	5895916	1.5	3.3	1.8	0.3		Yes
MP11-5 (PVC)	375376	5895916	0.8	1.6	0.8	1.5		No
MP15-1 (Steel)	376616	5891634	1.47	3.2	1.73	0.3	0-1.5 m: Peat 1.5-2 m: Hard soil, stoney	Yes
MP15-1 (PVC)	376616	5891634	0.8	1.6	0.8	1.5		No
MP15-2 (Steel)	376625	5891644	1.56	3.2	1.64	0.3		Yes
MP15-2 (PVC)	376625	5891644	0.8	1.6	0.8	1.5		No
MP15-3 (Steel)	376620	5891662	1.46	3.2	1.74	0.3		Yes
MP15-3 (PVC)	376620	5891662	0.8	1.6	0.8	1.5		No
MP15-4 (Steel)	376614	5891639	1.54	3.2	1.66	0.3		Yes
MP15-4 (PVC)	376614	5891639	0.8	1.6	0.8	1.5		No
MP15-5 (Steel)	376611	5891654	1.24	3.2	1.96	0.3		Yes
MP15-5 (PVC)	376611	5891654	0.8	1.6	0.8	1.5		No
Mine Barologger #1	376345	5894014	N/A	N/A	N/A	N/A	N/A	N/A
Mine Barologger #2	376345	5894014	N/A	N/A	N/A	N/A	N/A	N/A

Mini-Piezometer ID	Easting	Northing	Depth (m bgs)	Total MP Length (m)	Stick-Up (m)	Screen Length (m)	Screened Geology	Pressure Transducer
Mathews Creek Ranch Offsetting Site								
MC-MP1 (Steel)	362574	5887008	1.5	3.2	1.7	0.3	Silty clay	Yes
MC-MP1 (PVC)	362574	5887008	0.86	1.66	0.8	1.5	Peat/Silty clay	No
MC-MP2 (Steel)	362542	5886828	1.47	3.2	1.73	0.3	Silty/Clay/Peat	No
MC-MP2 (PVC)	362542	5886828	0.8	1.66	0.86	1.5	Peat/Silty clay	No
MC-MP3 (Steel)	362572	5886703	1.46	3.2	1.74	0.3	Peat	Yes
MC-MP3 (PVC)	362572	5886703	0.86	1.66	0.8	1.5	Peat	No
MC-MP4 (Steel)	362248	5886790	1.5	3.2	1.7	0.3	Peat/Sandy silt	Yes
MC-MP4 (PVC)	362248	5886790	1.03	1.66	0.63	1.5	Silty/Clay	Yes
MC-MP5 (Steel)	362259	5886710	1.5	3.2	1.7	0.3	Silty sand/Silty clay	Yes
MC-MP5 (PVC)	362259	5886710	0.77	1.66	0.89	1.5	Silty sand	No
MC-MP6 (Steel)	362286	5886612	1.8	3.2	1.4	0.3	Silty clay/Silty sand	Yes
MC-MP6 (PVC)	362286	5886612	0.91	1.66	0.75	1.5	Silty clay	No
MC-MP7 (Steel)	361687	5886796	1.5	3.2	1.7	0.3	Peat	No ^a
MC-MP7 (PVC)	361687	5886796	0.77	1.66	0.89	1.5	Peat	No
MC-MP8 (Steel)	361705	5886718	1.5	3.2	1.7	0.3	Silty sand/Silty clay	Yes
MC-MP8 (PVC)	361705	5886718	0.84	1.66	0.82	1.5	Silty clay	No
MC-MP9 (Steel)	361543	5886496	1.5	3.2	1.7	0.3	Silty sand	Yes
MC-MP9 (PVC)	361543	5886496	0.88	1.66	0.78	1.5	Silty clay	No
MC-MP10 (Steel)	361034	5886732	1.5	3.2	1.7	0.3	Peat	No
MC-MP10 (PVC)	361034	5886732	0.81	1.66	0.85	1.5	Peat/Silty clay	No

Mini-Piezometer ID	Easting	Northing	Depth (m bgs)	Total MP Length (m)	Stick-Up (m)	Screen Length (m)	Screened Geology	Pressure Transducer
Mathews Creek Ranch Offsetting Site (cont'd)								
MC-MP11 (Steel)	361059	5886648	1.5	3.2	1.7	0.3	Peat/Silty sand	Yes
MC-MP11 (PVC)	361059	5886648	0.87	1.66	0.79	1.5	Silty clay	No
MC-MP12 (Steel)	361070	5886562	1.5	3.2	1.7	0.3	Peat/Silty clay	Yes
MC-MP12 (PVC)	361070	5886562	0.82	1.66	0.84	1.5	Silty clay	No
MC-MP13 (Steel)	361052	5886501	1.5	3.2	1.7	0.3	Silty clay	No
MC-MP13 (PVC)	361052	5886501	0.76	1.66	0.9	1.5	Peat	No
MC-MP14 (Steel)	360875	5886695	1.5	3.2	1.7	0.3	Silty sand	Yes
MC-MP14 (PVC)	360875	5886695	0.83	1.66	0.83	1.5	Silty clay	No
MC-MP15 (Steel)	360004	5886572	1.35	3.2	1.85	0.3	Silty sand; some gravel	No
MC-MP15 (PVC)	360004	5886572	0.83	1.66	0.83	1.5	Peat and Silty sand	No
MC-MP16 (Steel)	359762	5886504	1.54	2.3	0.76	0.3	Peat	Yes
MC-MP16 (PVC)	359762	5886504	0.89	1.66	0.77	1.5	Peat	No
MC-MP17 (Steel)	359859	5886353	1.5	3.54	2.04	0.3	Peat	No
MC-MP Barologger	362832 ^b	5887034 ^b	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

m = metre; m bgs = metres below ground surface; MP = mini-piezometer; PVC = polyvinyl chloride pipe

^a Pressure transducers not installed at locations, due to equipment issues or issues encountered in the field; however, manual measurements for PVC and Steel monitoring wells were collected where possible at Wetland 9 sites (May 2025), MC11-2 (May 2025), and MC-MP7 (May 2025, Oct 2025).

^b Barologger deployed at new less conspicuous location (362832 E, 5887034 N) in 2025, since old barologger at 362824 E, 5887069 N suspected to have been stolen.

4.3.1 RESULTS

Table 4.3-2 details the cumulative water level record at the Mine and Mathews Creek Ranch wetlands to date. In 2025, data was downloaded from 3 pressure transducers at the Mine wetlands and 11 at the Mathews Creek Ranch wetlands. Factors which limited the number of successful downloads in 2025 included pressure transducer technical issues (e.g., stopped logging or connection errors), MP infrastructure damaged by wildlife (e.g., moose and caribou), or issues with pressure transducer installation or removal in 2025 (Table 4.3-2). Pressure transducers with errors were sent to Solinst for potential repair and data retrieval. Continuous water level records spanned an average of 3.9 months per MP in 2025 with data collected at 15-minute intervals, contributing to a growing multi-year dataset for assessing groundwater flow dynamics and wetland hydrology. Barologger records spanned an average of 9.7 months at the Mine and 4.6 months at Mathews Creek Ranch wetlands. At the end of the October 2025 visit, pressure transducers were removed to prevent equipment loss during the off-season.

TABLE 4.3-2 PRESSURE TRANSDUCER DOWNLOAD RECORD FOR WETLANDS AT THE MINE SITE AND MATHEWS CREEK RANCH OFFSETTING SITE TO DATE (2022 TO 2025)

Monitoring Well ID	Monitoring Year	Serial Number	Start Date	End Date	Record Length (Months)
Mine Site					
MP4-1 (Steel)	2023	2180508	9/12/2023	10/17/2023	1.2
	2024	2176838	5/21/2024	10/6/2024	4.6
	2025	N/A	N/A	N/A	N/A
MP4-2 (Steel)	2023	2180521	9/12/2023	10/17/2023	1.2
	2024	2177042	-- ^a	-- ^a	-- ^a
	2025	N/A	N/A	N/A	N/A
MP4-3 (Steel)	2023	2180526	9/12/2023	10/17/2023	1.2
	2024	2176835	5/21/2024	10/6/2024	4.6
	2025	N/A	N/A	N/A	N/A
MP9-1 (Steel)	2023	2180528	9/12/2023	10/17/2023	1.2
	2024	2180528	-- ^a	-- ^a	-- ^a
	2025	N/A	N/A	N/A	N/A
MP9-2 (Steel)	2023	2180527	9/12/2023	10/17/2023	1.2
	2024	2176848	5/16/2024	10/6/2024	4.8
	2025	N/A	N/A	N/A	N/A
MP9-4 (Steel)	2023	2180529	9/12/2023	10/17/2023	1.2
	2024	2180529	-- ^a	-- ^a	-- ^a
	2025	N/A	N/A	N/A	N/A

Monitoring Well ID	Monitoring Year	Serial Number	Start Date	End Date	Record Length (Months)
Mine Site (cont'd)					
MP11-1 (Steel)	2023	2180532	9/12/2023	10/17/2023	1.2
	2024	2158136	5/21/2024	10/6/2024	4.6
	2025	2158136	--a	--a	--a
MP11-2 (Steel)	2023	2180536	9/12/2023	10/17/2023	1.2
	2024	2158156	--a	--a	--a
	2025	N/A	N/A	N/A	N/A
MP11-3 (Steel)	2023	2180547	9/12/2023	10/17/2023	1.2
	2024	2258150	5/21/2024	10/6/2024	4.6
	2025	2258150	--b	--b	--b
MP11-4 (Steel)	2023	N/A	N/A	N/A	N/A
	2024	2158154	5/23/2024	10/6/2024	4.5
	2025	2158154	--a	--a	--a
MP11-5 (Steel)	2023	N/A	N/A	N/A	N/A
	2024	2157298	5/23/2024	10/6/2024	4.5
	2025	2157298	--a	--a	--a
MP15-1 (Steel)	2023	2180548	9/12/2023	10/17/2023	1.2
	2024	2126426	6/24/2024	10/6/2024	3.5
	2025 ^c	2176833	5/30/2025	6/18/2025 ^d	0.7 ^d
MP15-2 (Steel)	2023	2180549	9/12/2023	10/17/2023	1.2
	2024	2175157	6/24/2024	6/24/2024	1 day
	2025 ^c	2157332	--b	--b	--b
MP15-3 (Steel)	2023	2180552	9/12/2023	10/17/2023	1.2
	2024	2173770	6/24/2024	10/6/2024	3.5
	2025 ^c	2166837	--b	--b	--b
MP15-4 (Steel)	2023	N/A	N/A	N/A	N/A
	2024	2126487	6/24/2024	10/6/2024	3.5
	2025	2164456	5/30/2025	10/10/2025	4.4
MP15-5 (Steel)	2023	N/A	N/A	N/A	N/A
	2024	2147062	6/24/2024	10/6/2024	3.5
	2025	2147062	5/30/2025	10/10/2025	4.4

Monitoring Well ID	Monitoring Year	Serial Number	Start Date	End Date	Record Length (Months)
Mine Site (cont'd)					
Mine Barologger #1 (MP9)	2023	N/A	N/A	N/A	N/A
	2024	2173780	5/15/2024	10/3/2024	4.7
	2025	2126480	1/1/2025	12/31/2025	12.0
Mine Barologger #2 (MP9)	2023	N/A	N/A	N/A	N/A
	2024	N/A	N/A	N/A	N/A
	2025	2126487	5/21/2025	12/31/2025	7.4
Mathews Creek Ranch Offsetting Site					
MC-MP1 (Steel)	2023	2176845	8/11/2023	10/18/2023	2.3
	2024	2180549	5/14/2024	10/12/2024	5.0
	2025	2157334	6/8/2025	10/27/2025	4.6
MC-MP3 (Steel)	2023	2177042	8/11/2023	10/18/2023	2.3
	2024	2180521	5/14/2024	10/13/2024	5.1
	2025	2164378	6/7/2025	10/27/2025	4.7
MC-MP4 (Steel)	2023	2158156	8/11/2023	10/18/2023	2.3
	2024	2157332	7/19/2024	10/13/2024	2.9
	2025 ^c	2147074	6/7/2025	10/27/2025	4.7
MC-MP4 (PVC)	2022	N/A	N/A	N/A	N/A
	2024	2164456	7/19/2024	10/13/2024	2.9
	2025	2126417	6/7/2025	10/27/2025	4.7
MC-MP5 (Steel)	2023	2176838	8/11/2023	10/18/2023	2.3
	2024	2180536	5/14/2024	10/13/2024	5.1
	2025	2164454	6/7/2025	10/27/2025	4.7
MC-MP6 (Steel)	2023	2176848	8/11/2023	10/18/2023	2.3
	2024	2180508	5/14/2024	10/12/2024	5.0
	2025	2180536	6/7/2025	-- ^e	-- ^e
MC-MP7 (Steel)	2023	2158127	8/11/2023	10/18/2023	2.3
	2024	2176844	5/14/2024	10/13/2024	5.1
	2025	N/A	N/A	N/A	NA
MC-MP8 (Steel)	2023	2158150	8/11/2023	10/18/2023	2.3
	2024	2180547	5/14/2024	10/12/2024	5.0
	2025	2147061	6/7/2025	10/10/2025	4.1

Monitoring Well ID	Monitoring Year	Serial Number	Start Date	End Date	Record Length (Months)
Mathews Creek Ranch Offsetting Site (cont'd)					
MC-MP9 (Steel)	2023	2157332	8/11/2023	10/18/2023	2.3
	2024	2176833	7/19/2024	10/12/2024	2.8
	2025	2158148	6/7/2025	10/10/2025	4.1
MC-MP11 (Steel)	2023	2176844	8/11/2023	10/18/2023	2.3
	2024	2176836	-- ^a	-- ^a	-- ^a
	2025	2157343	6/7/2025	10/9/2025	4.1
MC-MP12 (Steel)	2023	2176836	8/11/2023	10/18/2023	2.3
	2024	2180526	5/13/2024	10/12/2024	5.1
	2025 ^c	2147066	6/7/2025	6/27/2025 ^d	0.7 ^d
MC-MP14 (Steel)	2023	2176837	8/11/2023	10/18/2023	2.3
	2024	2176837	5/13/2024	10/13/2024	5.1
	2025 ^f	2180553	6/7/2025	9/24/2025 ^d	3.6 ^d
MC-MP16 (Steel)	2023	2164456	6/2/2023	10/18/2023	4.6
	2024	2180548	5/13/2024	10/13/2024	5.1
	2025	2180709	6/8/2025	10/27/2025	4.6
MC-MP Barologger	2023	N/A	N/A	N/A	N/A
	2024	2157044	5/13/2024	10/13/2024	5.1
	2025 ^g	2126505	6/8/2025	10/27/2025	4.6

Notes:

N/A = Not installed in monitoring year (e.g., due to equipment issue or field error)

^a Data could not be downloaded due to a connection error in the field.

^b Data could not be downloaded due to logger malfunction (not logging).

^c Monitoring well (Steel or PVC) damaged. Needs repair for reinstallation.

^d Logger disturbed in the field interrupting logging.

^e Logger not able to be retrieved from well in sampling year (to be retrieved spring the following year).

^f Deployment in 2025 may have been failed due to error with steel cable (Cable not attached to steel pipe upon logger retrieval).

^g Barologger deployed at new less conspicuous location (362832 E, 5887034 N) since old barologger at 362824 E, 5887069 N suspected to have been stolen.

5. ADAPTIVE MANAGEMENT

EAC Condition 3 and DS Conditions 2.5 and 2.9 require adaptive management informed by monitoring results, including the development and implementation of additional mitigation measures where required. WMOP section 11 (ERM 2024) describes evaluation and adaptive management, including a Trigger Action Response Plan for Wetlands (WMOP Table 11-1, ERM 2024) with thresholds based on results from wetland loss analysis.

As-built cumulative loss of wetland extent and function for Year 1 (2025), exceeded predicted losses at the schedule by 12.03 ha (36% by extent) and 375 FA (39% by FA; section 3.5.3). This triggers a “high level” response for wetland extent and function in accordance with the trigger action response plan (WMOP section 11, ERM 2024) since exceedance is more than 30% predicted loss at the schedule (WMOP Table 11-1, ERM 2024).

In accordance with DS Condition 2.5.4, EAC Condition 3g, and the WMOP section 11 (ERM 2024), BW Gold implemented the responses as described in Table 5-1 for “high level” exceedances. A follow-up investigation was completed to identify potential causes for the “high level” trigger exceedances as described in section 5.1 and Table 5-1.

5.1 FOLLOW-UP INVESTIGATION

Findings from the follow-up investigation completed for the “high level” trigger exceedances are included in Table 5-1 and Table 5.1-1. Wetland loss primarily occurs within the predicted Year 23 Full Build-Out Footprint, and to a lesser extent, occurs due to clearance outside the predicted Year 23 Full Build Out Footprint (Table 5.1-1). Possible causes for differences in wetland loss were identified as:

- Ground conditions requiring construction to be executed in a manner that was different than predicted when the WMOP was assembled. This is reflected in differences between the predicted footprints and the as-built disturbance footprints:
 - Predicted footprints (WMOP Appendix K, ERM 2024), including Year 1 (WMOP Figure K-3), are based on the 2021 engineering site designs for build-out scenarios (General Arrangement Drawings and Pipeline Figures) from the BW Gold 2021 MAEMA Permit Application and reflect precise infrastructure design footprints with no construction allowance.
 - As-built footprints, including for Year 1 (section 3.5.1), are based on constructability requirements and reflect ground conditions and actual disturbance extents needed for infrastructure construction. This includes considerations such as site accessibility or other construction logistics, including disturbances such as tree clearing for machinery access, local borrows, sediment and erosion control systems or other features required to construct the infrastructure designs.
- The Year 1 predicted footprint design (WMOP Figure K-3, ERM 2024) excludes some critical Mine infrastructure such as the Interim Environmental Control Dam, a component of the TSF, and other infrastructure such as the Freshwater Reservoir Overflow Spillway and Lake 15/16 Connector Channel (section 3.5).
- 2023 wildfire required clearing for a firebreak (section 4.1).

- Mine designs for Years -2 to 3 (2023-2027) were updated in 2024, differing slightly from the 2021 engineering site designs (WMOP Appendix K, ERM 2024). This includes sequence changes (e.g., TSF advanced earlier), as well as changes to transmission line tower footprint locations, impacting different wetland locations, types, and functions, but anticipated to have reduced wetland extent loss.

Based on the follow-up investigation results, BW Gold does not anticipate exceeding wetland loss beyond what was predicted in the WMOP (ERM 2024) at the maximum extent of disturbance. Annual monitoring through the submission of the WMOP Annual Report will confirm these predictions. Despite as-built wetland loss exceeding projected Year 1 losses based on the Year 1 predicted infrastructure footprint designs (WMOP Table 9.7-2, Figure K-3, ERM 2024), wetland extent is net positive with extent gains to date exceeding losses by 427.7 ha (9:1 gains to losses) and wetland function is net positive with FA gains to date exceeding losses by 3,213 FA (3:1 gains to losses), as shown in Table 5.1-2. Additional wetland gains are expected with upcoming wetland offsetting work planned in collaboration with LDN and UFN. Additional mitigation measures and actions identified are included in Table 5-1.

TABLE 5-1 YEAR 1 (2025) ADAPTIVE MANAGEMENT RESPONSE FOR CUMULATIVE WETLAND LOSS

Management Response (WMOP)		Implementation (2025)
1	“High level” Exceedance of Cumulative Wetland Extent (ha) Loss^a	
1a	Immediately notify appropriate stakeholders, Indigenous groups and regulators.	Implemented through submission of 2025 WMOP Annual Report.
1b	<p>Evaluate monitoring results to identify:</p> <ul style="list-style-type: none"> If the trend is related to Management Plan and activities. The cause(s) of the unexpected monitoring results. Incident investigation or root cause analysis may be used to evaluate. 	<p>Define problem (see also section 3.5.3):</p> <ul style="list-style-type: none"> As-built cumulative loss of wetland extent (direct overlap; 45.25 ha) in Year 1 (2025), exceeds predicted loss at the schedule by 12.03 ha (36%). <p>Data collection (see also section 5.1; Figure 5.1-1):</p> <ul style="list-style-type: none"> Of the cumulative wetland loss (45.25 ha), 37.99 ha (90%) is within the predicted Year 23 Full Build-Out Footprint losses and 7.26 ha (10%) outside the predicted Year 23 Full Build-Out Footprint losses reported in the WMOP (ERM 2024). Wetland extent loss outside the predicted Year 23 Full Build-Out Footprint (7.26 ha), includes 6.21 ha of wetland loss at the Mine site and 1.04 ha of wetland loss along the transmission line. <ul style="list-style-type: none"> At the Mine site, this includes 4.36 ha swamp, 1.67 ha bog, 0.11 ha fen, and 0.07 ha marsh. Mine components comprising the largest losses outside the Year 23 Full Build-Out Footprint include disturbances associated with the Freshwater Reservoir Pond (1.74 ha), Roads (0.85 ha), 2023 Firebreak (0.70 ha), Lake 15/16 Connector Channel (0.61 ha), TS2 stockpile (0.50 ha), LGO Pond (0.69 ha), and 25KV electrical line and Operations Camp (0.45 ha). Along the transmission line, this includes 0.61 ha swamp, 0.37 ha bog, and 0.04 ha fen. Transmission line losses are associated with tower locations. Year 1 As-built Footprint (1,259.9 ha) is twice as large as predicted for Year 1 (620.6 ha), but half the predicted Year 23 Full Build-out Footprint (2,294.6 ha). Annual wetland extent loss in 2025 (17.21 ha), exceeds predicted loss at the schedule by 6.94 ha (68%). Wetland extent loss to date (45.25 ha) is 40% of the total predicted wetland loss for the predicted Year 23 Full Build-out Footprint (113.71 ha; Table 3.5-2). <p>Possible causes (see also section 5.1):</p> <ul style="list-style-type: none"> Wetland extent loss is primarily due to clearance within the predicted Year 23 Full Build-Out Footprint, and to a lesser extent, clearance outside the predicted Year 23 Full Build-Out Footprint. Ground conditions required construction to be executed in a manner that was different than predicted when the WMOP was assembled. Predicted footprints represent precise feature designs with no construction allowance, while as-built footprints reflect actual disturbance extents based on ground conditions and constructability considerations like site accessibility to construct infrastructure. 2023 wildfire required unexpected clearing for firebreak. Mine designs for Years -2 to 3 (2023-2027) were updated in 2024, including sequence changes (e.g., TSF advanced earlier) and changes to transmission line tower placement. These differences are not anticipated to result in a greater loss of wetland function at full build-out.
1c	<p>Identify mitigation measure(s):</p> <ul style="list-style-type: none"> Evaluate how measures may impact other aspects of the Adaptive Management Plan, regulatory requirements or stakeholder requirements. Draft mitigation measures. 	<p>Measures BW Gold implemented in 2025 are shown in column “Measures Implemented in 2025” (Appendix A). To reduce direct wetland loss, wetland avoidance is particularly important, including the following two existing mitigation measures (Appendix A):</p> <ul style="list-style-type: none"> MT 3-23: “Identify no-work and management work zones (with restrictions, e.g. no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MFLNRO, 2014), as will be described in the CEMP.” (i.e., 30-metre buffer around wetlands). MT 3-24: “Flag or otherwise identify clearing limits as appropriate.” <p>Other mitigation measures identified include:</p> <ul style="list-style-type: none"> Continue to monitor wetland losses in future years; Update/reconcile clearance plans and losses at the schedule; and Progress active wetland restoration/enhancement as described in the WMOP section 9 (ERM 2024) to offset losses in collaboration with LDN and UFN.

Management Response (WMOP)		Implementation (2025)
1	“High level” Exceedance of Cumulative Wetland Extent (ha) Loss^a (cont’d)	
1d	<p>Engagement:</p> <ul style="list-style-type: none"> Engage stakeholders, Indigenous groups and regulators to identify any modifications to mitigation measures. Identify roles and responsibilities for managing the change(s). Engage stakeholders as appropriate for the Management Response Action Level, and those who may be impacted by the change. Engagement to identify any modifications to the change(s). <p>Approve changes prior to implementation.</p>	<p>Engagement of stakeholders will include:</p> <ul style="list-style-type: none"> Submission of 2025 WMOP Annual Report to Indigenous groups, stakeholders, and regulators for review and comment. Consultation meetings in 2026 with Indigenous groups, stakeholders, and regulators to identify and approve new mitigation measures and discuss implementation of the Trigger Action Response Plan for Wetlands.
1e	<p>Implement new mitigation measures:</p> <ul style="list-style-type: none"> Update Adaptive Management Plan to include mitigation measures and any other changes included. 	<p>Mitigation measures identified in 1c will be implemented in 2026 onwards.</p> <p>The Adaptive Management Plan does not require update since mitigation measures remain the same.</p>
1f	<p>Monitor Changes:</p> <ul style="list-style-type: none"> Validate changes were implemented as planned. If possible, identify any additional monitoring to evaluate the effectiveness of the implementation and effectiveness of any changes. 	<p>Monitoring of mitigation measures will be implemented in 2026 onwards through the WMOP Annual Reporting. This includes reporting on mitigation measures implemented and reporting on wetland losses.</p>
2	“High level” Exceedance of Wetland Function (FA) Loss^a	
2a	<p>Immediately notify appropriate stakeholders, Indigenous groups and regulators.</p>	<p>Implemented through submission of 2025 WMOP Annual Report.</p>
2b	<p>Investigate monitoring results to identify:</p> <ul style="list-style-type: none"> If the trend is related to Management Plan and activities. The cause(s) of the unexpected monitoring results. Incident investigation or root cause analysis may be used to evaluate. 	<p>Define problem (see also section 3.5.3):</p> <ul style="list-style-type: none"> As-built cumulative loss of wetland function (i.e., FA; 1,341) in Year 1 (2025), exceeds predicted loss at the schedule by 375 FA (39%). <p>Data collection (see also section 5.1; Figure 5.1-1):</p> <ul style="list-style-type: none"> Of the cumulative function loss (1,341 FA), 1,146 FA (85%) is within the predicted Year 23 Full Build-Out Footprint losses and 195 FA (15%) is outside the predicted Year 23 Full Build-Out Footprint losses reported in the WMOP (ERM 2024). Wetland function loss outside the predicted Year 23 Full Build-Out Footprint losses (195 FA), includes 167 FA loss at the Mine site and 28 FA at the transmission line. <ul style="list-style-type: none"> At the Mine site, this includes 118 FA swamp, 45 FA bog, 3 FA fen, 2 FA marsh, and 0.007 FA SOW at the Mine. Mine components representing the largest losses outside the Year 23 Full Build-Out Footprint include disturbances associated with the Freshwater Reservoir Pond (52 FA), 2023 Firebreak (25 FA), Roads (23 FA), Lake 15/16 Connector Channel (18 FA), LGO Pond (18 FA), TS2 stockpile (16 FA), and 25KV electrical line (13 FA). Along the transmission line, this includes 16 FA swamp, 11 FA bog, 1 FA fen, and 0.09 FA marsh. Transmission line disturbances representing losses are associated with tower locations. Annual wetland function loss in 2025 (451 FA), exceeds predicted loss at the schedule by 151 FA (50%). Wetland function loss to date (1,341 FA) is 43% of the total predicted wetland loss for the predicted Year 23 Full Build-out Footprint (3,150 FA; Table 3.5-3). <p>Possible causes (see also section 5.1):</p> <ul style="list-style-type: none"> Loss of wetland function is due to the loss of wetland extent as described in 1b above, as well as indirect loss of function for wetlands in the high impact category. Wetland extent loss is primarily due to clearance within the predicted Year 23 Full Build-Out Footprint, and to a lesser extent, clearance outside the predicted Year 23 Full Build-Out Footprint. Ground conditions required construction to be executed in a manner that was different than predicted when the WMOP was assembled. Predicted footprints represent precise feature designs with no construction allowance, while as-built footprints reflect actual disturbance extents based on ground conditions and constructability considerations like site accessibility to construct infrastructure. 2023 wildfire required unexpected clearing for firebreak. Mine design for Years -2 to 3 (2023-2027) was updated in 2024, including sequence changes (e.g., TSF advanced earlier) and changes to transmission line tower placement. These differences are not anticipated to result in a greater loss of wetland function at full build-out.

Management Response (WMOP)		Implementation (2025)
2	“High level” Exceedance of Wetland Function (FA) Loss^a (cont’d)	
2c	Identify mitigation measure(s): <ul style="list-style-type: none"> Evaluate how measures may impact other aspects of the Adaptive Management Plan, regulatory requirements or stakeholder requirements. Draft mitigation measures. 	Same as 1c above.
2d	Engagement: <ul style="list-style-type: none"> Engage stakeholders, Indigenous groups and regulators to identify any modifications to mitigation measures. Identify roles and responsibilities for managing the change(s). Engage stakeholders as appropriate for the Management Response Action Level, and those who may be impacted by the change. Engagement to identify any modifications to the change(s). Approve changes prior to implementation. 	Same as 1d above.
2e	Implement new mitigation measures: <ul style="list-style-type: none"> Update Adaptive Management Plan to include mitigation measures and any other changes included. 	Same as 1e above.
2f	Monitor Changes: <ul style="list-style-type: none"> Validate changes were implemented as planned. If possible, identify any additional monitoring to evaluate the effectiveness of the implementation and effectiveness of any changes. 	Same as 1f above.

Source: Adapted from WMOP Table 11-1 Trigger Action Response Plan for Wetlands (ERM 2024).

Notes:

FA = Functional Area; ha = hectare; LGO = Low Grade Ore; WMOP = Wetland Management and Offsetting Plan (ERM 2024)

^a High level = Losses more than 30% predicted loss at the schedule in WMOP (ERM 2024 section 9).

TABLE 5.1-1 YEAR 1 (2025) WETLAND EXTENT AND FUNCTION CUMULATIVE LOSS INVESTIGATION

Mine Component	Wetland Loss	As-Built Cumulative Loss	As-Built Cumulative Loss Within Predicted Year 23 Full Build-Out Footprint ^a	As-Built Cumulative Loss Outside Predicted Year 23 Full Build-Out Footprint ^b	As-Built Cumulative Exceedance for Year 1 ^c
All Components	Extent (ha)	45.25	37.99 (90%)	7.26 (10%)	12.03 (36%)
	FA	1,341	1,146 (85%)	195 (15%)	375 (39%)

Notes:

FA = Functional Area; ha = hectare

^a As-Built Cumulative Loss within the impacted wetland areas predicted for the full disturbance extent at predicted Year 23 Full Build-out Footprint (i.e., clearance in areas predicted to remain). Percentage (%) is calculated as this value divided by the As-Built Cumulative Loss Total * 100.

^b As-Built Cumulative Loss outside the impacted wetland areas predicted for the full disturbance extent at predicted Year 23 Full Build-out Footprint (i.e., clearance in areas predicted to remain). Percentage (%) is calculated as this value divided by the As-Built Cumulative Loss Total * 100.

^c As-built Cumulative Exceedance for Year 1 calculated at the schedule as: As-built – Predicted, e.g., [Year 1 As-built] – [Year 1 Predicted].

Percentage difference calculated as: (As-built – Predicted)/Predicted*100, e.g., ([Year 1 As-built] – [Year 1 Predicted])/[Year 1 Predicted]*100.

See Table 3.5-2 and Table 3.5-3.

TABLE 5.1-2 WETLAND EXTENT AND FUNCTIONAL AREA SUMMARY OF LOSSES AND GAINS TO DATE (2025)

Project Sites	Extent Lost (ha) ^a	FA Lost ^b	Extent Gained (ha)	FA Gained	Qualifying Offset	Adjusted FA Gained ^c
Year -2 (2023) As-Built Footprint	-23.2	-770				
Year -1 (2024) As-Built Footprint	-4.9	-120				
Year 1 (2025) As-Built Footprint	-17.2	-451				
Total Loss	-45.3	-1,341				
Restoration/Enhancement^d						
Mathews Creek Ranch			0	453	1:1 ^e	453
Dykam Ranch			0	0	1:1 ^e	0
Total Gain Restoration/Enhancement			0			453

Project Sites	Extent Lost (ha) ^a	FA Lost ^b	Extent Gained (ha)	FA Gained	Qualifying Offset	Adjusted FA Gained ^c
Conservation^f						
Mathews Creek Ranch			225.0	6,156		4,101
74 ha of Wetland Within 80 ha Private Land Parcel			74.2	2,046	1:1 ^g	2,046
151 ha of Wetland Within 164 ha on Crown Land			150.8	4,110	2:1 ^h	2,055
Dykam Ranch			248.0	0	2:1 ^h	0
Total Gain Conservation			473.0			4,101
Total Lost/Gained	-45.3	-1,341	473.0			4,554

Source: Adapted from WMOP Table 9.7-1 (ERM 2024).

Notes:

FA = Functional Area; ha = hectare

^a Extent Lost (ha) is the area of direct overlap with infrastructure.

^b FA Lost is the total loss in wetland function considering direct loss (direct overlap) and indirect loss (wetlands with $\geq 50\%$ overlap). Partial loss in function for the moderate impact group is not currently included in FA loss calculations but will be assessed and quantified through a commitment to monitoring.

^c Adjusted FA Gained is calculated based on the certainty in gains, as presented in by the Qualifying Offset Ratio (i.e., 50% credit assigned to lower confidence [conservation on land not privately held by BW Gold]; 100% credit assigned to higher confidence [restoration/enhancement on any land; conservation on BW Gold owned land]).

^d Gains associated with restoration/enhancement are based on recovery of wetland function as a result of passive and active restoration, as well as management to enhance functions.

^e 100% credit awarded for restoration/enhancement activities; restoration and enhancement are more certain than creation.

^f Gains associated with conservation are based on the current FA, as measured or estimated based on 2022 field surveys and summarized, excluding areas of Ponds. Gains for Mathews Creek Ranch by land ownership class is based on the spatial intersection (ArcGIS; ESRI 2024) of wetlands with land parcel. Dykam Ranch FA gains will be reported in the 2026 WMOP Annual Report, following mapping and evaluation of baseline wetland function in 2026.

^g 100% credit awarded for BW Gold owned property.

^h 50% credit awarded for lands secured for conservation that are not privately held by BW Gold. This reflects the uncertainty associated with less rigid land ownership status.

6. SUMMARY OF FOLLOW-UP AND LONG-TERM WETLAND MONITORING PROGRAMS

A review of the follow-up and long-term wetland program components and recommendations based on monitoring and results to date is summarized in Table 6-1.

TABLE 6-1 SUMMARY OF FOLLOW-UP AND LONG-TERM WETLAND MONITORING PROGRAMS

Program Name	Survey(s)	DS Conditions	EAC Conditions	WMOP Section (Version H.1 2024)	2025 WMOP Annual Report Section	Monitoring Completed	Program Timing/Frequency	Recommendations for the 2026 Program
Wetland Mitigation	Record of avoidance, minimization, and restoration measures implemented.	5.1	24a, 24e	Section 8 Appendix P	Section 3.1 Appendix A	2023-2025	Ongoing—Annually	Continue implementation and record of mitigation measures. Identify and implement additional mitigation measures as described in section 5 Adaptive Management, in consultation with LDN and UFN.
Wetland 30-Metre Buffer	Record of activities conducted within 30-metre buffer for non-construction-related reasons.	5.2	24a	Section 8 Appendix P	Section 3.2 Appendix A	2023-2025	Ongoing—Annually	Continue implementation and record of 30-metre buffer.
Wetland Offsetting	Record of offsetting measures implemented.	5.3	24d, 24f, 24g	Section 8 Section 9	Section 3.3	2023-2025	Ongoing—Annually	Consider progressing active wetland restoration/enhancement as described in WMOP section 9 (ERM 2024), in collaboration with LDN and UFN.
Pre-Construction Wetland Surveys	Baseline wetland classification and wetland function. Baseline wetland site association mapping.	5.5.1	24b	Section 7 Appendix D	Section 3.4	2022	Once—Prior to construction or restoration	Complete wetland mapping and evaluation of wetland function for Dykam Ranch offsetting site as described in WMOP section 7 (ERM 2024), using the baseline data collected in 2025.
Change in Wetland Extent and Function at Mine	As-Built Mine Footprint Analysis.	5.5, 5.5.2	24b, 24bi, 24bii, 24c	Section 10 Section 10.7	Section 3.5 Appendix B Appendix C	2023-2025	Ongoing—Annually	Continue monitoring.
Change in Wetland Extent and Function at the Offsetting Sites	Offsetting Site Area Analysis.	5.4, 5.5, 5.5.3	24c, 24h	Section 10 Section 10.7	Section 3.6 Appendix C	2023-2025	Ongoing—Annually	Continue monitoring.
Long-Term Wetland Function Monitoring	Wetland Function Assessment.	5.4, 5.5, 5.5.2	24c, 25h	Section 10 Appendix O	Sections 4, 4.2	In development	Start Date TBD—Annually	Implement long-term wetland function monitoring as described in WMOP section 10 and Appendix O (ERM 2024) in accordance with DS Conditions 5.5.2 and 5.5.3. <ul style="list-style-type: none"> At the Mine, long-term wetland function monitoring is planned for implementation in 2026 now that the full build-out footprint extents can be more accurately predicted to identify wetlands remaining after vegetation clearing as required by DS Condition 5.5.2 and to identify wetland Impact Category (WMOP section 7.4, ERM 2024) required for site selection as described in WMOP section 10 (ERM 2024). At offsetting sites, long-term wetland function monitoring will be implemented following the completion of active restoration in accordance with DS Condition 5.5.3 that requires annual monitoring until performance standards are met, beginning at the start of compensation. Monitoring locations should be selected in collaboration with LDN and UFN in alignment with the WMOP sections 9.1, 10.1 (ERM 2024) and DS Conditions 5.3, 5.5, 2.4, 2.5, 2.10, including consideration for reference wetlands (control sites) and the extents and effects of wildfires.
Groundwater Monitoring (Hydrological Function)	Mini-piezometer Monitoring.	5.5, 5.5.2	24c, 25h	Section 10 Appendix R Appendix D	Sections 4, 4.3	2022-2025	Ongoing—Annually	Continue monitoring.

Notes:

DS = Decision Statement, April 15, 2019 (Canadian Environmental Assessment Agency 2019); EAC = Environmental Assessment Certificate #M19-01, June 21, 2019 (EAO 2019); LDN = Lhoosk’uz Dené Nation; UFN = Ulkatcho First Nation; WMOP = Wetland Management and Offsetting Plan (ERM 2024)



7. REFERENCES

- BC Wildfire Service. 2023a. *2023 Holdover Davidson Creek*. Accessed from: <https://wildfiresituation.nrs.gov.bc.ca/incidents?fireYear=2023&incidentNumber=G41493> (accessed March 2024).
- BC Wildfire Service. 2023b. *Fire Perimeters – Current. 2023 Wildfire Year*. Accessed from: <https://catalogue.data.gov.bc.ca/dataset/fire-perimeters-current> (accessed March 2024).
- BC Wildfire Service. 2024. *G41227*. Accessed from: <https://wildfiresituation.nrs.gov.bc.ca/incidents?fireYear=2024&incidentNumber=G41227> (accessed November 2024).
- BC Wildfire Service. 2026. *Fire Perimeters – Current. 2025 Wildfire Year*. Accessed from: <https://catalogue.data.gov.bc.ca/dataset/cdfc2d7b-c046-4bf0-90ac-4897232619e1> (accessed February 2026).
- Canadian Environmental Assessment Agency. 2019. *Decision Statement Issued under Section 54 of the Canadian Environmental Assessment Act, 2012 to New Gold Inc. c/o Ryan Todd, Director, Blackwater Project Sunlife Plaza Suite 610, 1100 Melville Street Vancouver, British Columbia V6E 4A6 for the Blackwater Gold Project*.
- EAO (Environmental Assessment Office). 2019a. *Assessment Report for Blackwater Gold Mine Project (Blackwater) With respect to the Application by New Gold Inc. for an Environmental Assessment Certificate pursuant to the Environmental Assessment Act, SBC 2002, c.43*. Prepared by the Environmental Assessment Office.
- EAO. 2019b. *Summary Assessment Report for Blackwater Gold Mine Project (Blackwater) With respect to the application by New Gold Inc. for an Environmental Assessment Certificate pursuant to the Environmental Assessment Act, SBC 2002, c. 43*.
- EAO. 2019c. *In the matter of the Environmental Assessment Act SBC 2002, c. 43 (the Act) and in the matter of an Application for an Environmental Assessment Certificate (Application) by New Gold Inc. (Proponent) for the Blackwater Gold Project Environmental Assessment Certificate #M19-01*.
- ERM (ERM Consultants Canada Ltd.). 2017. *Blackwater Gold Project Application for an Environmental Assessment Certificate / Environmental Impact Statement*. Prepared for Artemis Gold Inc. by ERM Consultants Canada Ltd. Vancouver, BC.
- ERM. 2024. *Blackwater Gold Mine Project: Wetland Management and Offsetting Plan*. Version H.1. March 2024. Prepared for Artemis Gold Inc. by ERM Consultants Canada Ltd.: Vancouver, BC.
- ERM. 2025. *Blackwater Gold Mine: 2024 Wetland Management and Offsetting Plan Annual Report*. March 2025. Prepared for Artemis Gold Inc. by ERM Consultants Canada Ltd.: Vancouver, BC.
- EcoLogic Consultants Ltd. 2022. *Blackwater Gold Project Listed Wetlands Memo*. North Vancouver, BC. Prepared for New Gold Inc. by EcoLogic Consultants Ltd.
- Mackenzie, W.H., and J.R. Moran. 2004. *Wetlands of British Columbia: A Guide to Identification*. BC Min. For., Res., Br., Victoria, BC Land Management. Handbook. 52.

New Gold. 2015. *Blackwater Gold Project Application for and Environmental Assessment Certificate*. Prepared by Amec for New Gold Inc., Vancouver, BC.

Shakesby, R.A., and S.H. Doerr. 2006. "Wildfire as a hydrological and geomorphological agent." *Earth-Science Reviews* 74(3-4): 269-307. Accessed from: <https://doi.org/10.1016/j.earscirev.2005.10.006>.

APPENDIX A WETLAND MITIGATION AND MANAGEMENT MEASURES (2025)

TABLE A-1 MITIGATION MEASURES APPLICABLE TO ALL MINE COMPONENTS

TABLE A-2 MITIGATION MEASURES AND BEST MANAGEMENT PRACTICES APPLICABLE
TO THE TRANSMISSION LINE

APPENDIX A: WETLAND MITIGATION AND MANAGEMENT MEASURES (2025)

TABLE A-1 MITIGATION MEASURES APPLICABLE TO ALL MINE COMPONENTS

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 3-1	Maintain or enhance existing drainage connections when designing and installing culverts for cross drainage and avoid creating outlets that either drain wetlands or constrict the natural outlet during construction.	AMEC 2013 ^a	Minimize	Construction, Operations, and Closure	CEMP	N/A	N/A	Culverts installed in 2025 were sized by a qualified engineer and no outlets were created that would drain wetlands or constrict natural outlets.
MT 3-2	Minimize pesticide and fertilizer use around aquatic resources and before precipitation events to limit chemical runoff from entering wetlands.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	N/A	BC's <i>Integrated Pest Management Act</i> and Regulation, including "no treatment zones" (NTZ) and "pesticide-free zones" around wetlands and surface water, was followed for chemical control of invasive plant species and noxious weeds as per Blackwater's IPMP. Herbicide applications were not applied prior to precipitation events as described in the IPMP. Additional details on chemical control implemented in 2025 are described in the 2025 Invasive Plant Annual Report (ERM 2026). No fertilizers or pesticides were applied in 2025.
MT 3-3	Establish protected riparian areas prior to clearing at locations to be described in the CEMP.	Riparian Areas Protection Regulation (2019)	Minimize	Construction, Operations, and Closure	CEMP, VMP, SEPSCP	N/A	Condition 5.1, 5.2 (Wetlands)	Riparian areas not to be utilized for project infrastructure under BWG's <i>Fisheries Act</i> Authorization were protected during clearing.
MT 3-4	Maintain drainage pathways and wetland hydrology by installing appropriately sized culverts for stream and wetland crossings.	AMEC 2013 ^a	Minimize	Construction, Operations, and Closure	CEMP	N/A	N/A	Culverts installed in 2025 were sized by a qualified engineer and drainage pathways maintained.
MT 3-5	Avoid clearing in wetland buffer areas.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP, VMP	N/A	Condition 5.2 (Wetlands)	Clearing in wetland buffered areas was avoided unless required to construct Mine infrastructure.
MT 3-6, MT 3-27	Replant native vegetation to expedite succession using native grasses or other plant species.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, VMP, SEPSCP	N/A	Condition 8.19 (Wildlife and Species at Risk)	Riparian replanting through willow staking was done at the Lake 15/16 Connector Channel. Seeding and progressive reclamation was completed near sensitive receptors and bare soils in completed construction scopes with an approved native seed mix listed in the SEPSCP. Seed certificates from seed mix orders were analyzed by a P. Ag. before the order was placed, certifying them weed-free.
MT 3-7	Use low ground pressure equipment or tracked equipment for work in areas with saturated soils.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	N/A	Low ground pressure equipment was used (i.e., excavators, dozers, etc.) where required.
MT 3-8a	Use timber mats, driving mats, or log corduroys or other means of ground protection where needed to minimize disturbances to vegetation and reduce rutting during construction.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, SEPSCP	N/A	N/A	Timber mats were utilized when necessary for construction scopes in wet soils to limit vegetation disturbance and rutting.
MT 3-8b	Prior to construction, install sediment controls, including silt fences, containment structures, collection and diversion ditches, sediment traps, and sediment ponds prior to and maintain them during construction activities.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, SEPSCP	N/A	N/A	Large scale diversion and collection channels were built in 2024 including the North and South Collection Channels, and North Diversion Channels. Water management plans were developed and implemented as required for construction scopes including a clean water sump and pump around, and dirty water collection ditches and sumps.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 3-9								
MT 3-9a	Activities and works in and around wetlands will be designed and planned to minimize loss or disturbance of wetlands.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	Condition 5.1 (Wetlands)	Infrastructure location and designs were planned to minimize wetland disturbance.
MT 3-9b	Approaches to wetlands will be designed and constructed such that they are perpendicular to the margin of the wetland to minimize loss or disturbance of wetland vegetation.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	Condition 5.1, 5.2 (Wetlands)	Wetland crossings were considered during design to minimize span distance.
MT 3-9c	Activities occurring near wetlands will be planned to ensure deleterious substances (e.g., sediment, solvent, fuel, etc.) do not enter the wetland.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	CEMP, FMSCP, SEPSCP	N/A	Condition 3.1 (Fish and Fish Habitat)	Machinery was refueled and serviced following the FMSCP recommendations of staying 30 metres away from watercourses. Pre-equipment checklists were followed to assess equipment for leaks or damage.
MT 3-9d	A response plan that is to be implemented immediately in the event of a sediment release or spill of a deleterious substance will be developed.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	FMSCP	Condition 11 (Care and Maintenance Plan) Condition 13 (Construction Environmental Management Plan)	Condition 10.3 (Accidents and Malfunctions)	BWG enforced the FMSCP.
MT 3-9e	Clearing of wetland vegetation will be minimized to the extent practical. Pruning or topping of vegetation will be utilized instead of grubbing.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	N/A	Topping of vegetation within wetlands along the Transmission Line were done to the extent practical.
MT 3-9f	Revegetation with native species suitable for the site will be used to stabilize wetland margins disturbed by activity associated with the Project.	DFO 2013 ^c	Restore	Construction, Operations, and Closure	SEPSCP, VMP	N/A	N/A	No revegetation was completed in wetlands for 2025.
MT 3-9g	Machinery used onsite will be clean and maintained free of fluid leaks, invasive species and noxious weeds.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	IPMP, FMSCP	N/A	N/A	Machinery arriving onsite was required to go through equipment inspections to ensure they are weed-free as per the IPMP. Equipment followed a preventative maintenance schedule to ensure they remain leak-free as per the FMSCP.
MT 3-9h	Machinery will be operated on land above the high-water mark of wetlands in a manner that minimizes disturbance to the wetland.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	CEMP, SEPSCP	N/A	N/A	Machinery was operated on land above the high-water mark of wetlands to the degree possible, unless the required for Mine construction.
MT 3-9i	Machinery will be washed, refueled and serviced in such a way as to prevent any deleterious substances from entering the wetland.	DFO 2013 ^c	Minimize	Construction, Operations, and Closure	CEMP, FMSCP	N/A	N/A	Machinery was refueled and serviced following the FMSCP recommendations of staying 30 metres away from watercourses.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 3-10								
MT 3-10a	Minimize unnecessary soil disturbance where possible.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, VMP, SMP	N/A	N/A	Mine infrastructure construction minimized soil disturbance as much as possible.
MT 3-10b	Revegetate disturbed areas as soon as feasible with native plants where possible.	Cox and Cullington 2009 ^b	Restore	Construction, Operations, and Closure	IPMP, SEPSCP, VMP, SMP	N/A	N/A	Riparian replanting through willow staking was done at the Lake 15/16 Connector Channel. Seeding and progressive reclamation was completed near sensitive receptors and bare soils in completed construction scopes with an approved native seed mix listed in the SEPSCP. Seed certificates from seed mix orders were analyzed by a P. Ag. before the order was placed, certifying them weed-free.
MT 3-10c	Ensure reclamation seed mixes are appropriate for the climate and site conditions and use seed mixes that are virtually weed-free and considered Pure-Live Seed.	Cox and Cullington 2009 ^b	Restore	Construction, Operations, and Closure	IPMP, VMP, SEPSCP	N/A	N/A	Seeding and progressive reclamation was completed near sensitive receptors and bare soils in completed construction scopes with an approved native seed mix listed in the SEPSCP. Seed certificates from seed mix orders were analyzed by a P. Ag. before the order was placed, certifying them weed-free.
MT 3-10d	Minimize introduction and transport of invasive plants by ensuring earth moving equipment arrives in work areas clean.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, IPMP, VMP	Condition 13 (Construction Environmental Management Plan)	N/A	Machinery arriving onsite was required to go through equipment inspections to ensure they are weed-free as per the IPMP.
MT 3-10e	Plant vegetation to minimize further impacts to wetland soils and remaining vegetation.	Cox and Cullington 2009 ^b	Restore	Construction, Operations, and Closure	CEMP, VMP, SEPSCP	N/A	Condition 8.19 (Wildlife and Species At Risk)	Riparian replanting through willow staking was done at the Lake 15/16 Connector Channel. Seeding and progressive reclamation was completed near sensitive receptors and bare soils in completed construction scopes with an approved native seed mix listed in the SEPSCP. Seed certificates from seed mix orders were analyzed by a P. Ag. before the order was placed, certifying them weed-free.
MT 3-10f	Minimize the width of roads and trails consistent with maintaining safety and road design considerations.	Cox and Cullington 2009 ^b	Avoid	Construction, Operations, and Closure	CEMP	N/A	N/A	Road design and width were designed by a qualified engineer, and width was minimized whenever possible.
MT 3-10g	Design approaches to wetlands so that the surface runoff carrying potential sediment is diverted before entering the wetland.	Cox and Cullington 2009 ^b	Avoid	Construction, Operations, and Closure	CEMP, SEPSCP	N/A	N/A	To the extent possible, approaches to wetlands were designed so that surface runoff was diverted from entering wetlands.
MT 3-10h	Manage unauthorized use of roads during and after construction and operations to minimize impacts to wetlands.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, SEPSCP	Condition 37 (Community Liaison Committee and Community Effects Monitoring and Management Plan)	N/A	Security checkpoint managed access on the Mine site and Mine roads.
MT 3-10i	Maintain road running surfaces, ditches and cross drains to minimize erosion and sediment delivery.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, SEPSCP	N/A	N/A	Road surface grading and capping were done regularly throughout 2025. Ditch lines were cleaned out when noted as deficient through BW Gold employee inspections and cross-drains and swales were installed where sedimentation and accelerated water run off were observed.
MT 3-10j	Temporary and permanent road construction will follow guidance outlined for the appropriate soil conditions.	Welsh et al. 1995 ^d	Minimize	Construction, Operations, and Closure	CEMP, SMP	N/A	N/A	Temporary and permanent road construction followed guidance for the appropriate soil conditions.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 3-10 (cont'd)								
MT 3-10k	Clearing practices will follow guidance outlined for the use and placement of skid trails and landings and felling practices.	Welsh et al. 1995 ^d	Minimize	Construction, Operations, and Closure	CEMP	N/A	N/A	Clearing practices followed guidance outlined for the use and placement of skid trails and landings and felling practices.
MT 3-10l	Forest harvest practices employed during clearing will follow the general guidance outlined for felling, wind throw hazard management, and wildlife tree management.	MOF 1995 ^e	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	Condition 5.1 (Wetlands)	Clearing was completed following pre-clearing sweeps by a qualified person, and wildlife tree identification and management were applied when practicable. Wind throw assessments were completed in 2025.
MT 3-11	Place soil salvage stockpiles in locations where they will have no impact on natural drainages. Ensure that all water and tailings pipelines that interact with or intersect wetlands are raised enough to prevent hydrologic impacts to western toad dispersal.	BC FLNRORD 2014 ^f	Minimize	Early Works, Construction, and Operations	CEMP, SMP (Soil Management Plan)	N/A	N/A	Soil salvage stockpiles were located in permitted locations following Mine design in areas without impacting natural drainages.
MT 3-12	Locate fuel storage and refueling activities outside riparian areas.	Cox and Cullington 2009 ^b	Avoid	Construction, Operations, and Closure	CEMP, FMSCP	N/A	N/A	Refueling and fuel storage were located over 30 metres away from watercourses following the FMSCP.
MT 3-13	Direct surface runoff from plant site grading, open pit development, TSF construction and waste rock storage area development to the TSF basin or other designed sediment control structures.	BC FLNRORD 2016 ^g and Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, SEPSCP, VMP	N/A	N/A	Plant site run off is captured in ditches directed into the Plant Sediment Control Pond. Open pit run off will be captured in the pit sump. Waste rock storage area has not yet been constructed. Natural topography of land will drain surface run off near TSF into the TSF.
MT 3-14	Control metal leaching by separating contact and non-contact surface water through diversion dams and collection trenches.	BC MEM and BC MELP 1998 ^h	Minimize	Construction, Operations, and Closure	CEMP, MLARD	Condition 13 (Construction Environmental Management Plan)	N/A	Contact water diversion systems were implemented through the low--grade ore stockpile and pond.
MT 3-15a	Establish 30 metres of undisturbed vegetation buffer zone around wetlands located outside the Project footprint.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	VMP, CEMP	N/A	Condition 5.2 (Wetlands)	A 30 metre vegetation buffer was observed for wetlands located outside the Mine footprint.
MT 3-16	Construct the Northern and Southern diversions to supplement the Freshwater Supply System (FWSS) to mitigate changes in flows in Davidson Creek and Chedakuz Creek, downstream of Tatelkuz Lake, and provide flexibility in apportionment of flow to Davidson Creek during Operations, and Closure.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	MSDP	Condition 31 (Tatelkuz Lake Protection Plan)	Condition 3.8 (Fish and Fish Habitat)	Construction of the Freshwater Reservoir (FWR) began in October 2025, this facility will be the final discharge location for the mine and water here will be used to supply flows to Davidson Creek and make-up water to the mill. Completion is anticipated in 2026, and when done it will receive water from the WMP and run-off from contributing catchments. The Freshwater Supply System was not constructed in 2025.
MT 3-17	Locate project components, including roads and Transmission Line (TL) poles away from wetlands and riparian areas and alongside existing disturbed areas and existing infrastructure footprints.	Cox and Cullington 2009 ^b	Avoid	Construction	VMP, CEMP, SEPSCP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance. Transmission line design and tower installation were completed in 2024, and no additional construction or clearing occurred along the transmission line in 2025.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 3-18	Minimize the Mine Site footprint and avoid large scale clearing of old-growth forest, riparian stands and lichen-rich stands.	Welsh et al. 1995 ^d	Avoid	Construction	VMP, CEMP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was developed to avoid large scale clearing of old growth forests.
MT 3-19	Pump water from Tatelkuz Lake to meet Davidson Creek instream flow needs until the end of Closure.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	MSDP	N/A	Condition 3.8 (Fish and Fish Habitat)	Fresh Water Reservoir and Fresh Water Supply System were not built in 2025.
MT 3-20a	Progressive reclamation using local native vegetation, or appropriate commercially grown, weed-free native species.	Cox and Cullington 2009 ^b	Minimize	Construction, Operations, and Closure	CEMP, IPMP, SEPSCP, VMP	N/A	Condition 8.19 (Wildlife and Species At Risk)	Seeding and progressive reclamation was completed near sensitive receptors and bare soils in completed construction scopes with an approved native seed mix listed in the SEPSCP. Seed certificates from seed mix orders were analyzed by a P. Ag. before the order was placed, certifying them weed-free.
MT 3-21	Use existing roads and follow existing linear disturbances to support TL construction. The final routing and required access roads will be established as part of the Final Transmission Line Routing Plan.	Cox and Cullington 2009 ^b	Avoid	Construction	Transmission Line Integrated VMP, Transmission Line Integrated CEMP	Condition 29 (Final Transmission Line Routing Plan)	N/A	Existing roads were utilized as much as practicable for the construction of the Transmission Line. Final Transmission Line Road Access Network is being developed in 2025.
MT 3-22	Place towers/poles away from the banks of rivers.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation. Transmission line design and tower installation were completed in 2024, and no additional construction or clearing occurred in 2025.
MT 3-23	Identify no-work and management work zones (with restrictions; e.g., no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MFLNRO 2014), as will be described in the CEMP.	BC MOE and BC FLNRO 2014 ⁱ	Avoid	Construction, Operations, and Closure	CEMP	N/A	Condition 5.2 (Wetlands)	A 30 metre vegetation buffer was observed for wetlands located outside the Mine footprint.
MT 3-24	Flag or otherwise identify clearing limits as appropriate.	Riparian Areas Protection Regulation (2019)	Avoid	Construction, Operations, and Closure	CEMP, VMP	N/A	N/A	Clearing limits for logging were provided with georeferenced maps on tablets.
MT 3-25	Follow the Riparian Management Area Guidebook when falling trees and removing accidentally introduced debris near wetlands.	MOF 1995 ^e	Minimize	Construction, Operations, and Closure	CEMP, VMP	N/A	N/A	Riparian Management SOP was implemented.
MT 3-26	Avoid harvesting in wetland riparian areas as will be described in the CEMP.	Riparian Areas Protection Regulation (2019)	Avoid	Construction, Operations, and Closure	CEMP, VMP	N/A	Condition 5.2 (Wetlands)	Harvesting avoided wetland riparian areas outside the Mine footprint.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 3-28	Implement progressive wetland restoration during construction consistent with the concept of offsetting losses of wetland functions caused by the Project.	Cox and Cullington 2009 ^b	Restore	Construction, Operations, and Closure	CEMP	N/A	N/A	Baseline wetland surveys at Dykam Ranch offsetting site were completed in 2025, to evaluate baseline wetland function and develop restoration prescriptions. Passive restoration of wetlands at Mathews Creek Ranch offsetting site continued in 2025, through the removal and exclusion of cattle grazing and other agricultural practices. No active wetland restoration and offsetting activities were completed in 2025; however, wetland and fish habitat offsetting plan budgeting, scheduling, and scope of work were prepared in 2025, for work commencement planned in 2026 for Mathews Creek Ranch offsetting site and Dykam Ranch offsetting site.
MT 3-29, MT 6-2, MT 7-4, MT 9-1, MT 10-11, MT 14-1	Locate project components away from wetlands and riparian areas, as will be described in the CEMP.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP, VMP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation.
MT 6-4	When not avoidable, locate proposed access roads and transmission lines away from wetland and riparian areas or spanning wetlands.	Cox and Cullington 2009 ^b	Minimize	Construction	CEMP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation.
MT 6-9, MT 13-7, MT 13-9, MT 14-20	Design linear features to avoid riparian areas, old growth forests, and wetlands, as will be described in the CEMP.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation.
MT 7-10	Locate roads and transmission line poles away from wetland and riparian areas, as will be described in the CEMP.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP	N/A	Condition 5.1, 5.2 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation.
MT 9-29	Use LiDAR imagery or other suitable survey methods of the Matthew Creek Ranch Wetland Compensation Site to identify drainage lines that might have been installed in the past as part of the planning and implementation of wetland compensation measures, as will be described in the Wetland Management and Offsetting Plan.	N/A	Restore	Construction, Operations, and Closure	CEMP	N/A	Condition 5.3 (Wetlands)	Aerial imagery and 2022 baseline wetland surveys at Mathews Creek Ranch were used to identify drainage ditches (WMOP Section 7.3.2, ERM 2024). Restoring altered wetland hydrology from drainage ditches and subsurface drainage tiles is part of the restoration plan for Mathews Creek Ranch offsetting site, summarized in WMOP Section 9.2 (ERM 2024).
MT 9-30	Commitment for selection of species for monitoring and identification of monitoring objectives and compensation success criteria prior to the start of construction. Commitment for field work during permitting, and if species at risk, representative of those that will be impacted by the Project are not observed in at least some of the reference wetlands, replacement wetlands will be located with representative species at risk, as will be described in the Wetland Management and Offsetting Plan.	N/A	Restore	Construction, Operations, and Closure	CEMP	N/A	Condition 5.3 (Wetlands)	Wetland compensation criteria and monitoring are described in the WMOP (ERM 2024). No active wetland restoration and offsetting field activities were completed in 2025; however, wetland and fish habitat offsetting plan budgeting, scheduling, and scope of work were prepared in 2025, for work commencement planned in 2026 for Mathews Creek Ranch offsetting site and Dykam Ranch offsetting site. Wetland function monitoring were implemented as described in the 2025 WMOP Annual Report. Proposed additional wetland long-term monitoring sites were identified in 2025 for the Mine (DS Condition 5.5.2), offsetting sites (DS Condition 5.5, 5.5.3), and proposed reference wetlands (control areas), to support discussions with LDN and UFN to select long-term monitoring locations.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Concordance with EAC #M19-01 Permit Conditions	Concordance with the DS of the Canadian Environmental Assessment Act	Measures Implemented in 2025
MT 9-31	Design of the transmission line to avoid wetlands, particularly areas of high bird activity, as will be described in the Final Transmission Line Routing Plan.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP	N/A	Condition 5.1 (Wetlands)	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation.
MT 12-1, MT 14-6	Locate facilities and topsoil piles within the mine site area away from wetlands and riparian areas. Minimize ground disturbance footprint and avoid clearing of old-growth forest and riparian areas, as will be described in the CEMP.	Cox and Cullington 2009 ^b	Avoid	Construction	CEMP	N/A	Condition 5.2 (Wetlands)	Soil salvage stockpiles were located in permitted areas away from riparian areas. Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation.
MT 12-11, MT 13-8	Minimize clearance of black spruce forest and maintaining hydrological regimes of wetlands near infrastructure, as will be described in the CEMP.	N/A	Minimize	Construction, Operations, and Closure	CEMP	N/A	N/A	Hydrological regimes of wetlands were maintained as described in MT 3-4. Culverts installed in 2025 were sized by a qualified engineer and drainage pathways maintained. Wetland hydrology was monitored in 2025 through mini-piezometer (shallow groundwater wells) monitoring of four wetlands (19 wells) at the Mine Site and results summarized in the 2025 WMOP Annual Report.
MT 12-15	Maintain black spruce and sedge meadow wetlands and openings near wetlands may enhance dragonfly and butterfly populations.	N/A	Avoid	Construction, Operations, and Closure	CEMP	N/A	N/A	Mine infrastructure was designed to minimize wetland and riparian disturbance, including the updated transmission line design and tower installation. The Mine as-built disturbance footprint cumulative wetland loss to date (2025) is reported in the 2025 WMOP Annual Report Section 4.3.2 and includes the following extent losses at black spruce wetlands and sedge wetlands as of 2025: <ul style="list-style-type: none"> • Wb05 Black Spruce—Water Sedge—Peat-moss: 1.11 ha; • Wf01 Water Sedge—Beaked Sedge: 0.09 ha; • Wf13 Narrow-leaved Cotton-grass—Shore Sedge: 0.09 ha; • Wm01 Beaked Sedge—Water Sedge: 0.89 ha; and • Ws07 Spruce—Common Horsetail—Leafy Moss: 13.09 ha.
MT 14-23	Minimize the mine site footprint and avoid large scale clearing wetlands, as will be described in the CEMP.	Cox and Cullington 2009 ^b	Avoid	Construction, Operations, and Closure	CEMP	N/A	Condition 5.1 (Wetlands)	Mine infrastructure was planned by qualified engineers to avoid large scale clearing of wetlands. No large deviations from planned layouts occurred to significantly impact or create new clearing of wetlands.
MT 14-30	The WMOP also includes a wetland monitoring program to identify potential negative effects on wetlands from site construction and operations, and to systematically address changes in wetland conditions that may trigger the need for mitigating actions to prevent unforeseen negative effects.	N/A	Minimize	Construction, Operations, and Closure	CEMP	N/A	Conditions 5.5, 5.5.2, 5.1, 2.5, 2.9.1, 2.9.2, 2.9.3, 2.9.4 (Wetlands)	Wetland monitoring is summarized in WMOP Section 10 (ERM 2024) and results reported annually in the WMOP Annual Report.

Source: Adapted from WMOP Appendix P (ERM 2024) and the master Mitigation Table approved by the BC Environmental Assessment Office in November 2020 to address EAC Condition 43.

Notes:

BC = British Columbia; BW Gold = Blackwater Gold Inc.; DS = Decision Statement; EAC = Environmental Assessment Certificate; N/A = Not Applicable; TSF = tailings storage facility

Management Plans: CEMP = Construction Environmental Management Plan; FMSCP = Fuel Management and Spill Control Plan; MLARD = Metal Leaching and Acid Rock Drainage Management Plan; MSDP = Mine Site Water and Discharge Monitoring and Management Plan; SEPSCP = Surface Erosion Prevention and Sediment Control Plan; VMP = Vegetation Management Plan

(continued on next page)

Notes (completed):

Mitigation Table ID: MT 3 = Wetlands (Indicators: ecological, hydrological, biochemical and habitat functions); MT 7 = Bats; MT 9 = Forest and Grassland Birds; MT 10 =Furbearers; MT 12 = Invertebrates; MT 13 = Moose; and MT 14 = Waterbirds.

^a Blackwater Project, BC Feasibility Study (Americas Limited 2013).

^b Wetland Ways: Interim Guidelines for Wetland Protection and Conservation in British Columbia (Cox and Cullington 2009).

^c Measures to Protect Fish and Fish Habitat (DFO 2019).

^d Forested Wetlands—Functions, Benefits and the Use of Best Management Practices (Welsh et al. 1995).

^e Riparian Management Area Guidebook (MOF 1995).

^f Guidelines for Amphibian and Reptile Conservation during Urban Rural Land Development in British Columbia (BC FLNRORD 2014).

^g Best Management Practices for Amphibian and Reptile Salvages in British Columbia (BC FLNRORD 2016).

^h Policy for Metal Leaching and Acid Rock Drainage in British Columbia (BC MEM and BC MELP 1998).

ⁱ Develop with Care 2014: Environmental Guidelines for Urban and Rural Land Development in British Columbia (BC MFLNRO 2014).

TABLE A-2 MITIGATION MEASURES AND BEST MANAGEMENT PRACTICES APPLICABLE TO THE TRANSMISSION LINE

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Measures Implemented in 2024
MT 3-9	Riparian Vegetation Management Areas (RVMAs) will be specified.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP, TL CEMP, TL Surface Erosion Prevention and Sediment Control Plan	RVMAs were detailed in design plans to the extent possible.
MT 3-9	The hierarchy of vegetation management techniques will be implemented, which prioritizes pruning over topping or mowing of vegetation within RVMAs.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP	The hierarchy of vegetation management techniques for RVMAs was detailed in design plans to the extent possible. Each RVMA has their own prescriptions which were followed.
MT 3-9	Site-specific prescriptions will be developed, if required.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP, TL CEMP, TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions which were followed.
MT 3-9	Herbicides will be applied in accordance with Use Permit.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP	No herbicides were used in 2025.
MT 3-9	Tracks or tires from heavy equipment may not enter the RVMA unless detailed in a prescription.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP, TL CEMP, TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions which were followed.
MT 3-9	Streams will not be crossed by vehicles and/or heavy machinery (unless at an existing road or ford crossing) is permitted unless detailed as a special provision in a site-specific prescription.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL CEMP, TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions and were followed.
MT 3-9	Debris will not be removed from below the high-water mark without specific regulatory agency approval.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions which were followed.
MT 3-9	Banks will not be disturbed without specific regulatory agency approval.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions which were followed.
MT 3-9	No refueling of hand tools (chainsaws, etc.) within at least 15 m of a waterbody.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Fuel Management and Spill Control Management Plan	The TL Fuel Management and Spill Control Management Plan was provided to contractors to be followed.
MT 3-9	Disturbance of low-growing shrub or grass species will be kept to a minimum.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP, TL CEMP	Each RVMA has their own prescriptions which were followed.

Mitigation Table ID	Mitigation Measure	Reference Document	Mitigation Hierarchy	Project Phase	Relevant Management Plans	Measures Implemented in 2024
MT 3-9	Trees will be directionally felled away from stream banks and aquatic areas to the extent allowed by the need to maintain safe working clearances from the electrical system.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions which were followed.
MT 3-9	Site restoration will be completed during optimal seasonal timing (e.g., planting is best done in the spring and fall).	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP	Site restoration considered optimal timing as described in the VMP.
MT 3-9	Vegetation clearing contractors will only work within 15 m of a waterbody for which a generic or site-specific prescription is provided.	BC Hydro 2003 ^a	Minimize	Construction, Operations, and Closure	TL Integrated VMP, TL CEMP, TL Surface Erosion Prevention and Sediment Control Plan	Each RVMA has their own prescriptions which were followed.

Source: Adapted from WMOP (ERM 2024).

Notes:

^a Approved Work Practices for Managing Riparian Vegetation: A Guide to Incorporating Riparian Environmental Concerns into the Management of Vegetation in BC Hydro's Transmission and Distribution Corridors (BC Hydro 2003).

REFERENCES

AMEC (Americas Limited). 2013. *Blackwater Project, BC Feasibility Study*. Prepared for New Gold Inc. by Allnorth, AMEX, Knight Piésold, New Gold, and Norwest.

BC FLNRORD 2014. *Guidelines for Amphibian and Reptile Conservation during Urban Rural Land Development in British Columbia*. https://www.env.gov.bc.ca/wld/documents/bmp/HerptileBMP_complete.pdf.

BC FLNRORD. 2016. *Best Management Practices for Amphibian and Reptile Salvages in British Columbia*. <https://a100.gov.bc.ca/pub/eirs/finishDownloadDocument.do?subdocumentId=10351> (accessed February 2025).

BC Hydro. 2003. *Approved Work Practices for Managing Riparian Vegetation: A Guide to Incorporating Riparian Environmental Concerns into the Management of Vegetation in BC Hydro's Transmission and Distribution Corridors*. BC Hydro, DFO and MWLAP.

BC MEM and BC MELP. 1998. *Policy for Metal Leaching and Acid Rock Drainage in British Columbia*. https://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/mineral-exploration-mining/documents/permitting/ml-ard_policy.pdf (accessed February 2025).

BC MFLNRO. 2014. *Develop with Care 2014: Environmental Guidelines for Urban and Rural Land Development in British Columbia*. <https://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/laws-policies-standards-guidance/best-management-practices/develop-with-care> (accessed February 2025).

BC MOE. 2014a. *Policy for Mitigating Impacts on Environmental Values (Environmental Mitigation Policy)*. Environmental Mitigation Policy—Working Document.

BC MOE. 2014b. *Procedures for Mitigating Impacts on Environmental Values Procedures for Mitigating Impacts on Environmental Values (Environmental Mitigation Procedures) Version 1.0*.

BC MOF. 1995. *Riparian Management Area Guidebook*. Government of British Columbia: Victoria, BC. <https://www2.gov.bc.ca/gov/content/industry/forestry/managing-our-forest-resources/silviculture/silvicultural-systems/silviculture-guidebooks/riparian-management-area-guidebook>.

Cox, R., and J. Cullington. 2009. *Wetland Ways: Interim Guidelines for Wetland Protection and Conservation in British Columbia*. Wetland Stewardship Partnership: n.p. <https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-planning-strategies/wetlands-in-bc> (accessed February 2025).

DFO. 2019. *Measures to Protect Fish and Fish Habitat*. <https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html> (accessed February 2025).

Welsh, D., D. Smart, J. Boyer, P. Minkin, S. Smith, and T. McCandless. 1995. *Forested Wetlands: Functions, Benefits, and the use of Best Management Practices*. USDA Forest Service, Radnor, PA.

APPENDIX B YEAR 1 (2025) AS-BUILT WETLAND LOSS MAPS

- FIGURE B-1 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 1
- FIGURE B-2 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 2
- FIGURE B-3 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 3
- FIGURE B-4 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 4
- FIGURE B-5 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 5
- FIGURE B-6 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 6
- FIGURE B-7 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 7
- FIGURE B-8 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
TRANSMISSION LINE—MAP 8
- FIGURE B-9 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS,
MINE SITE

FIGURE B-1 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 1

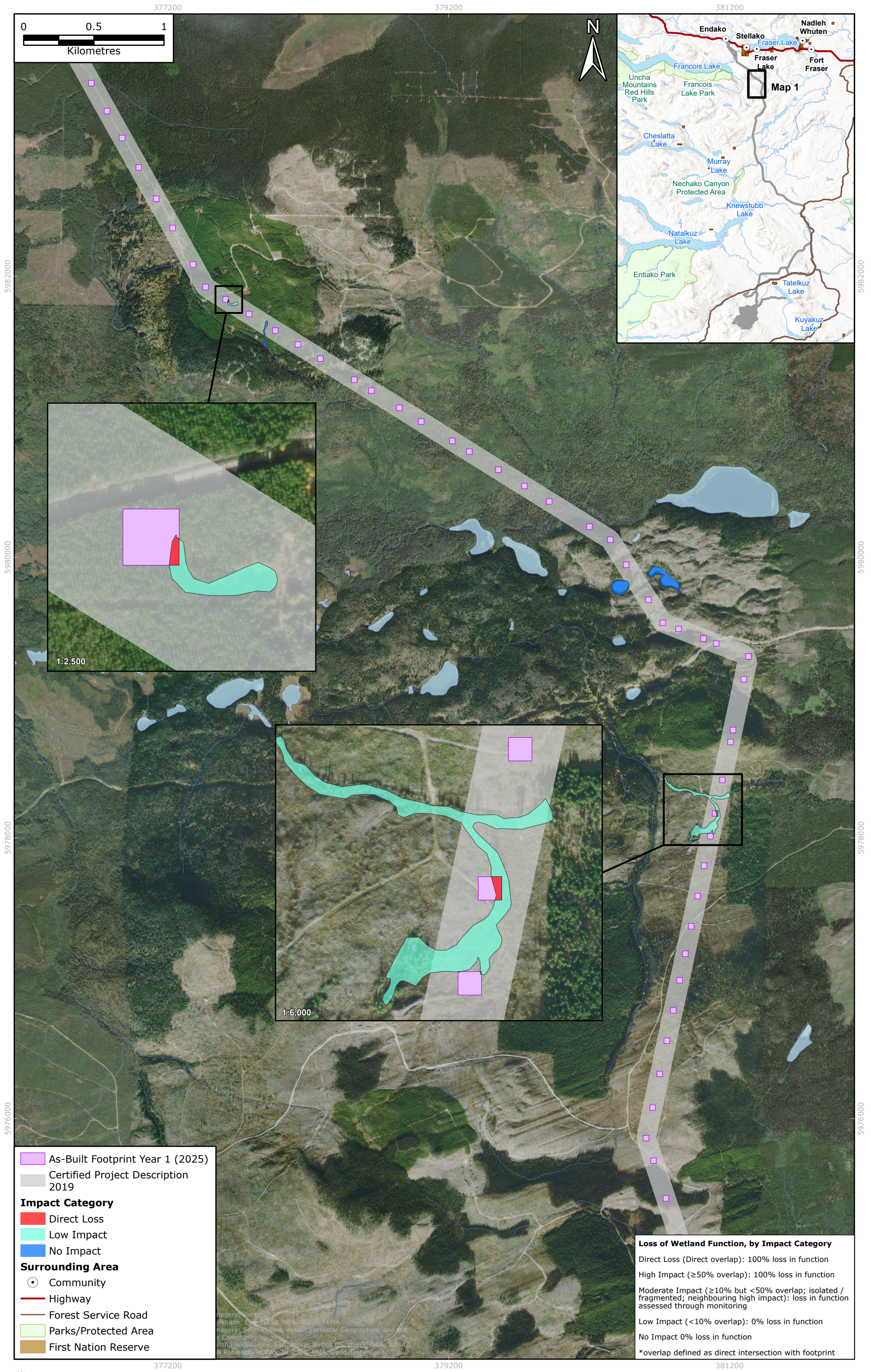


FIGURE B-2 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 2

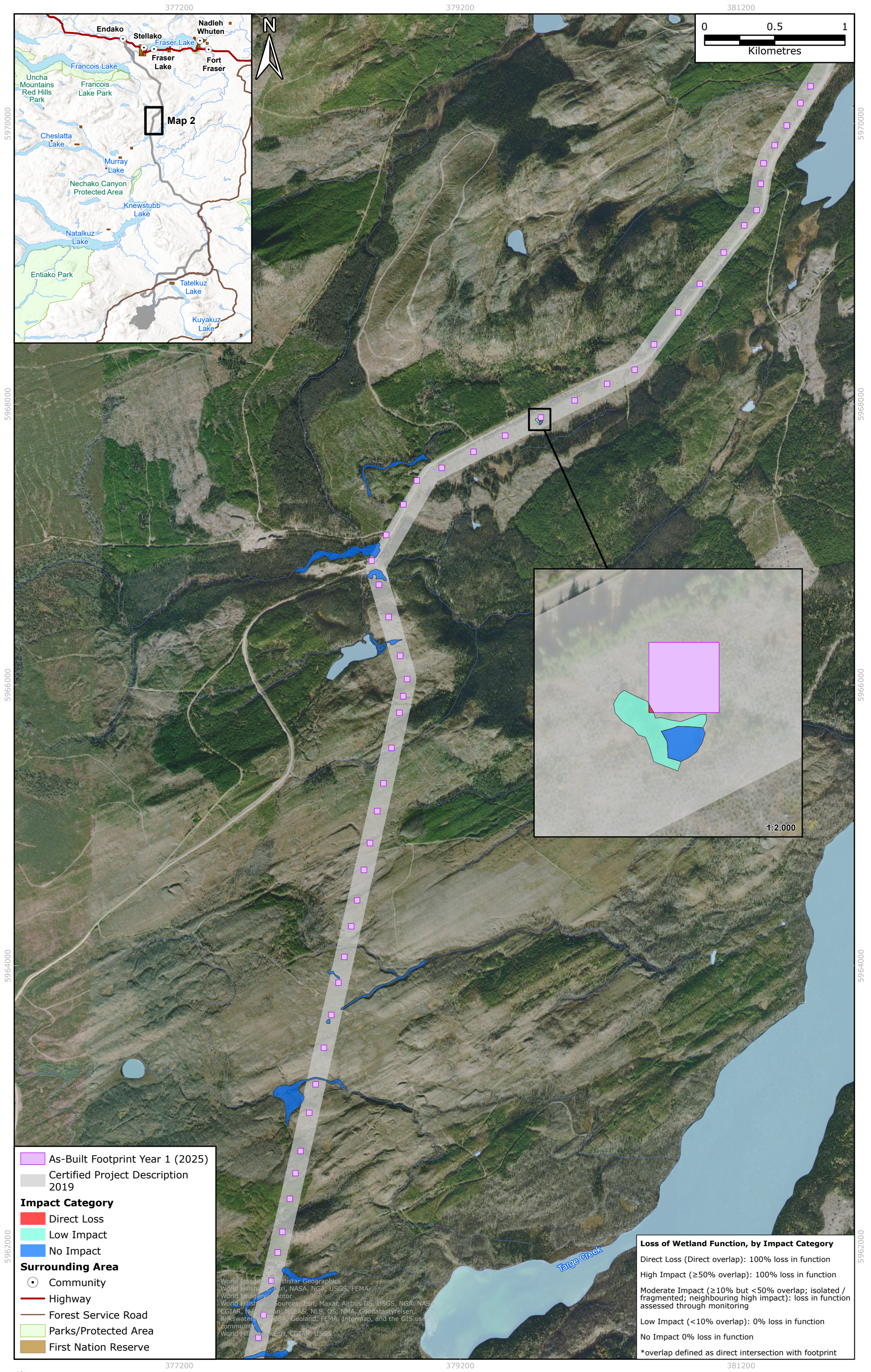


FIGURE B-3 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 3

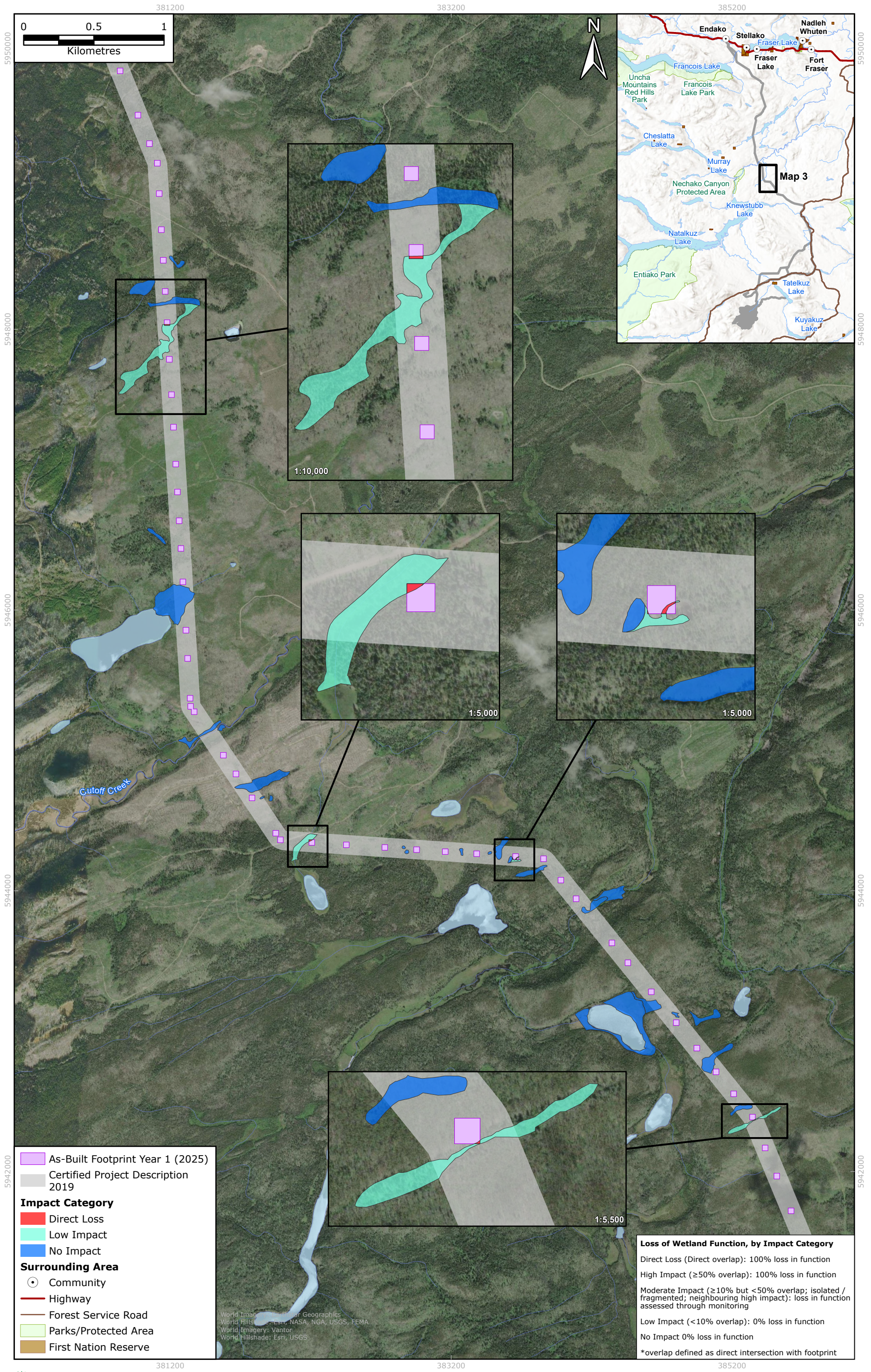


FIGURE B-4 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 4

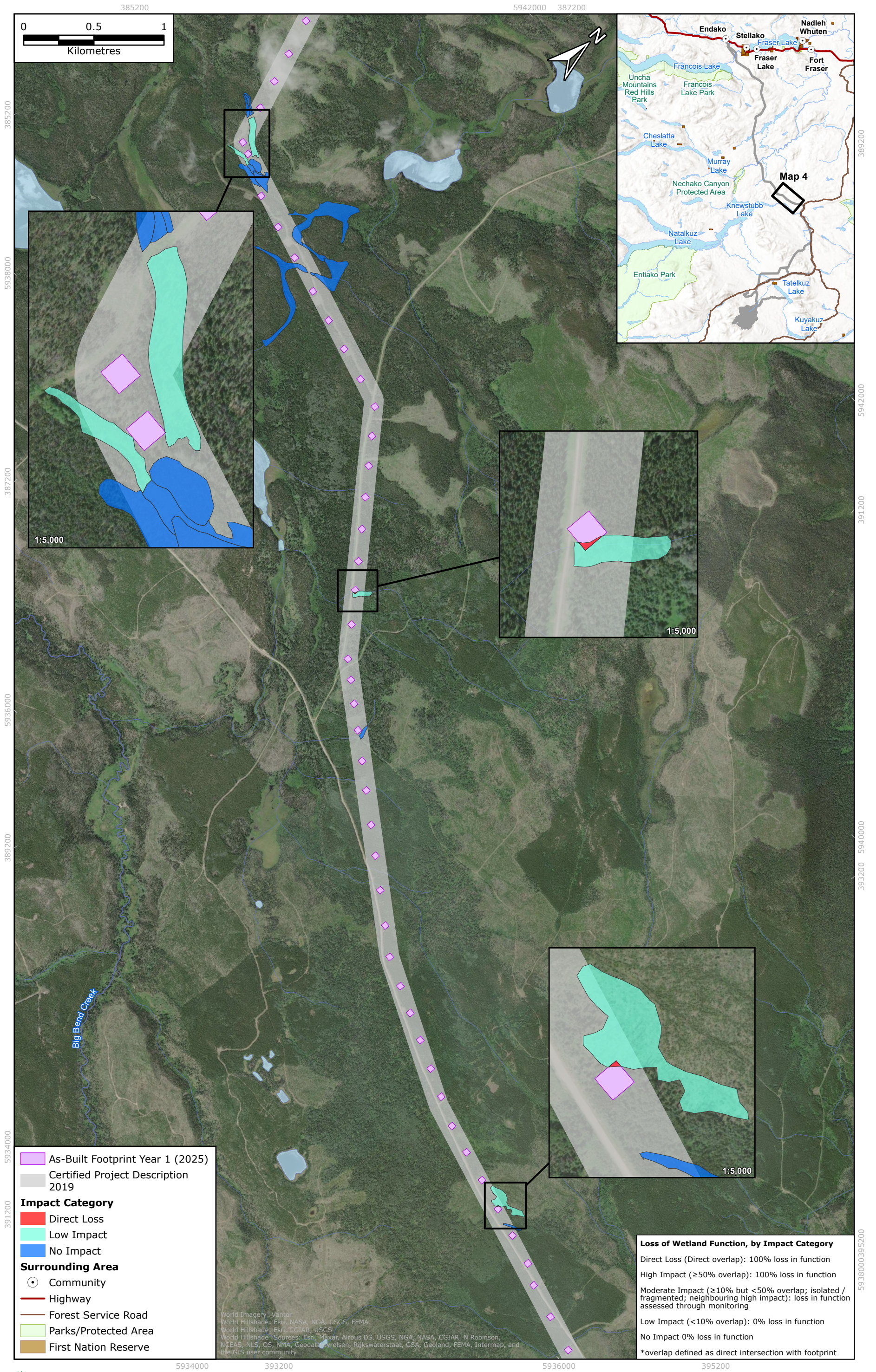


FIGURE B-5 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 5

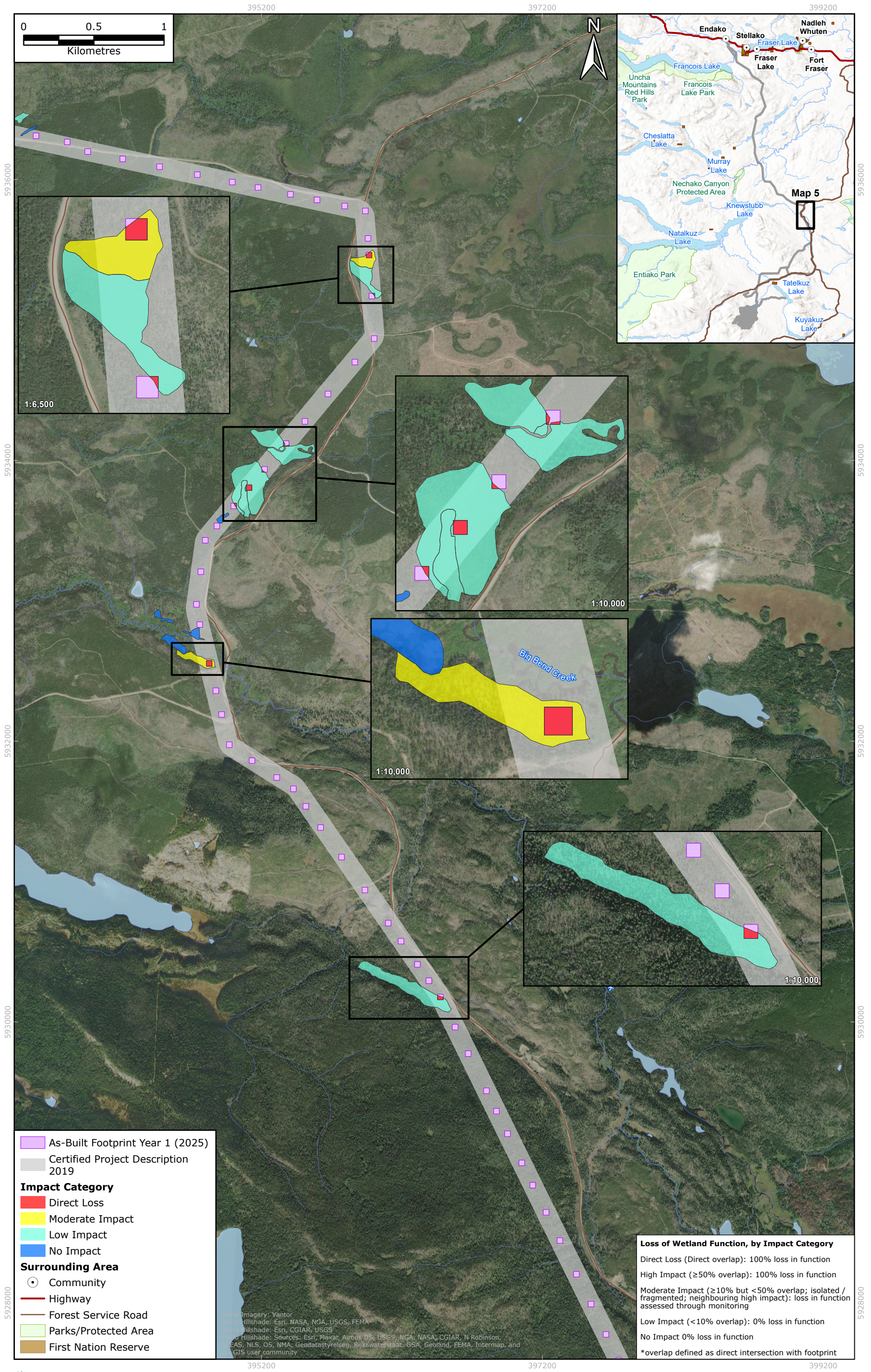


FIGURE B-6 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 6

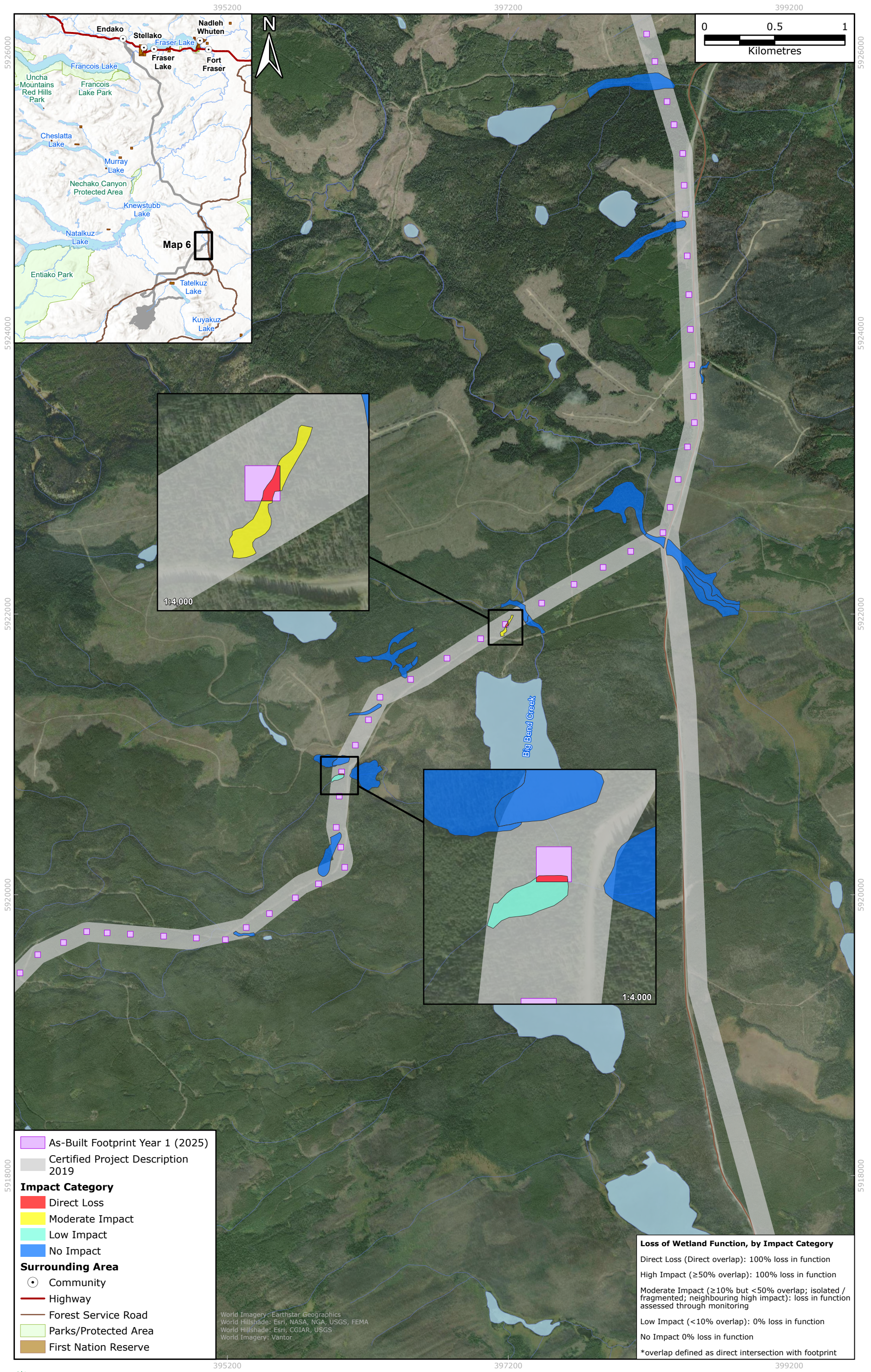


FIGURE B-7 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 7

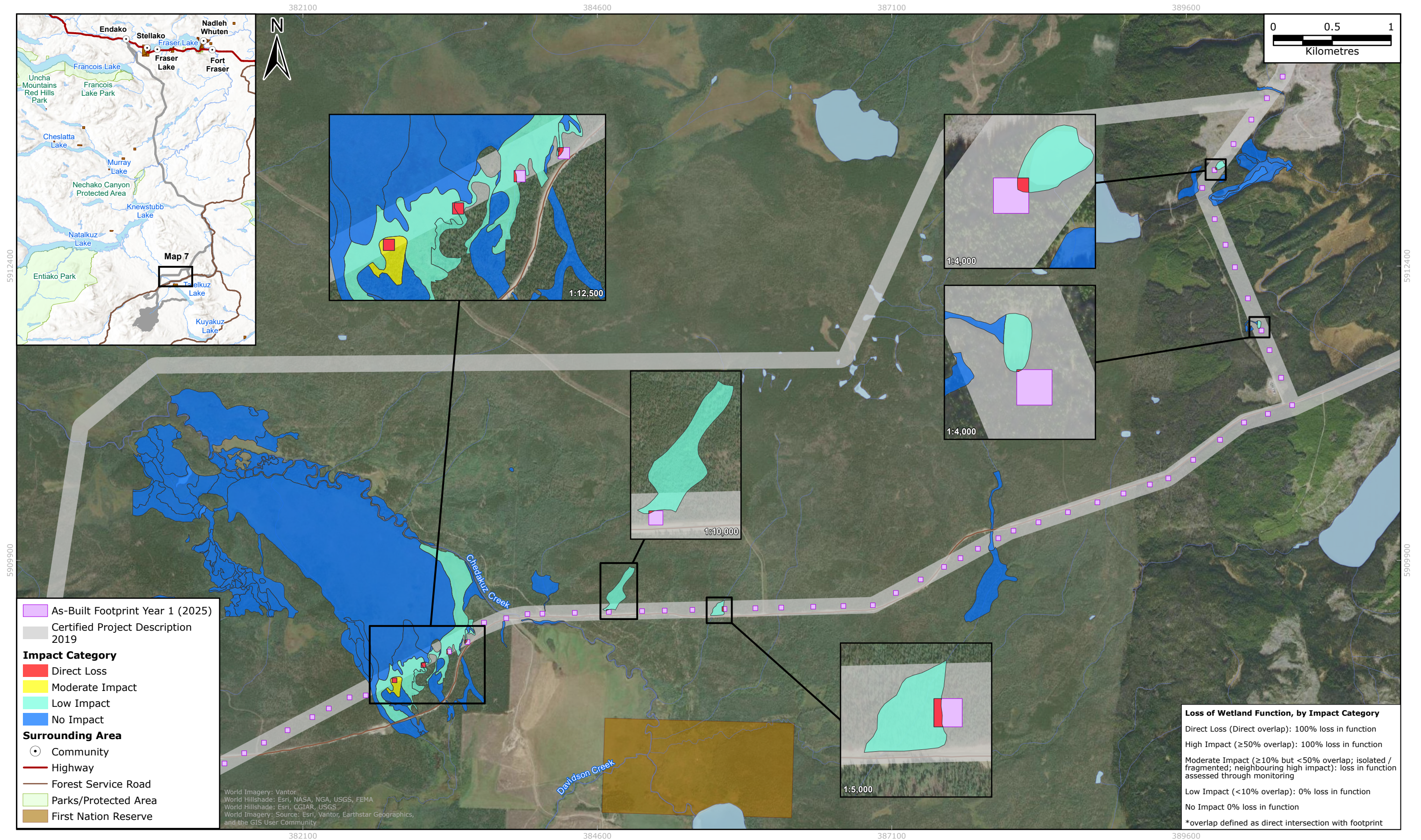


FIGURE B-8 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, TRANSMISSION LINE - MAP 8

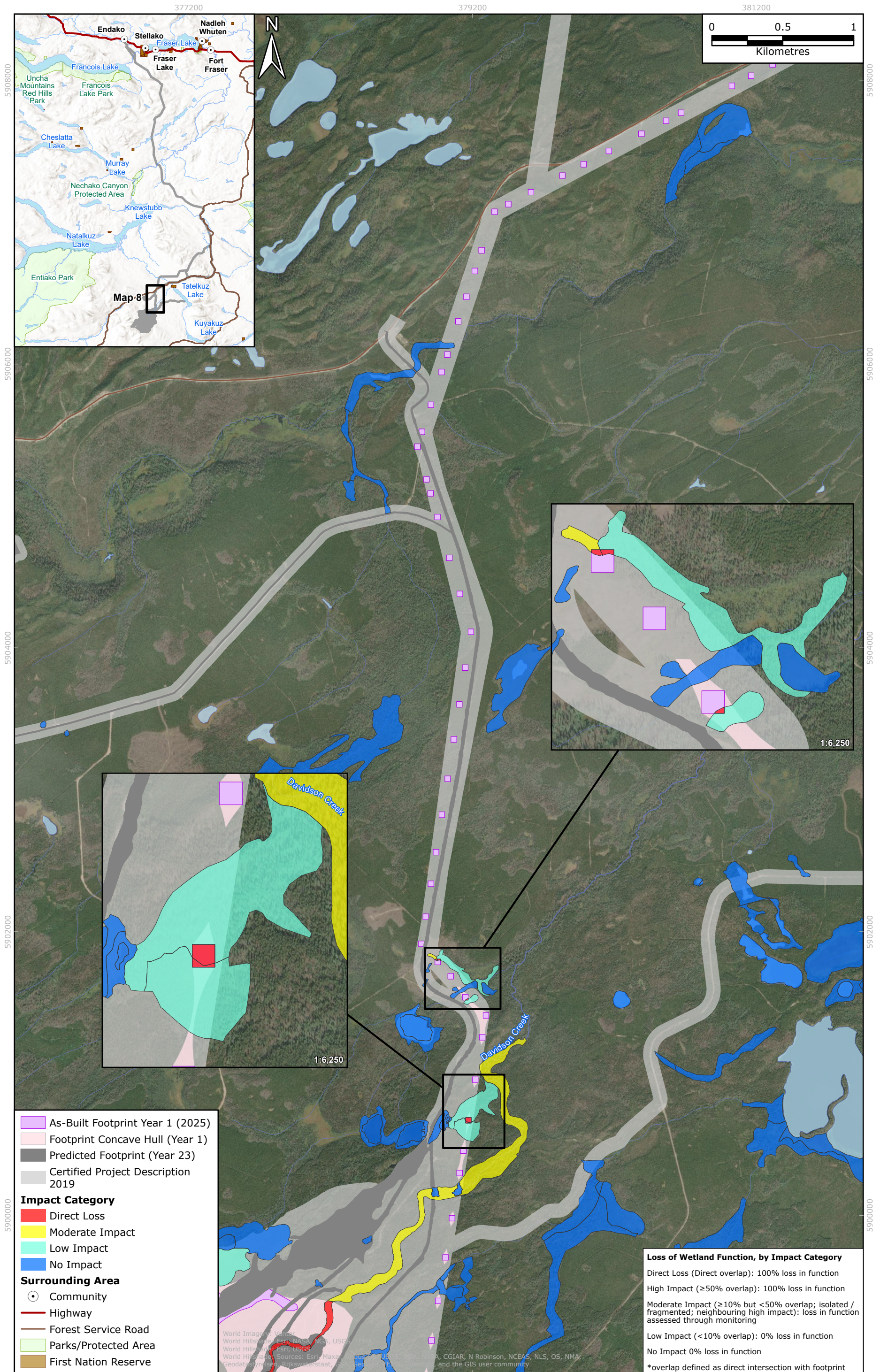
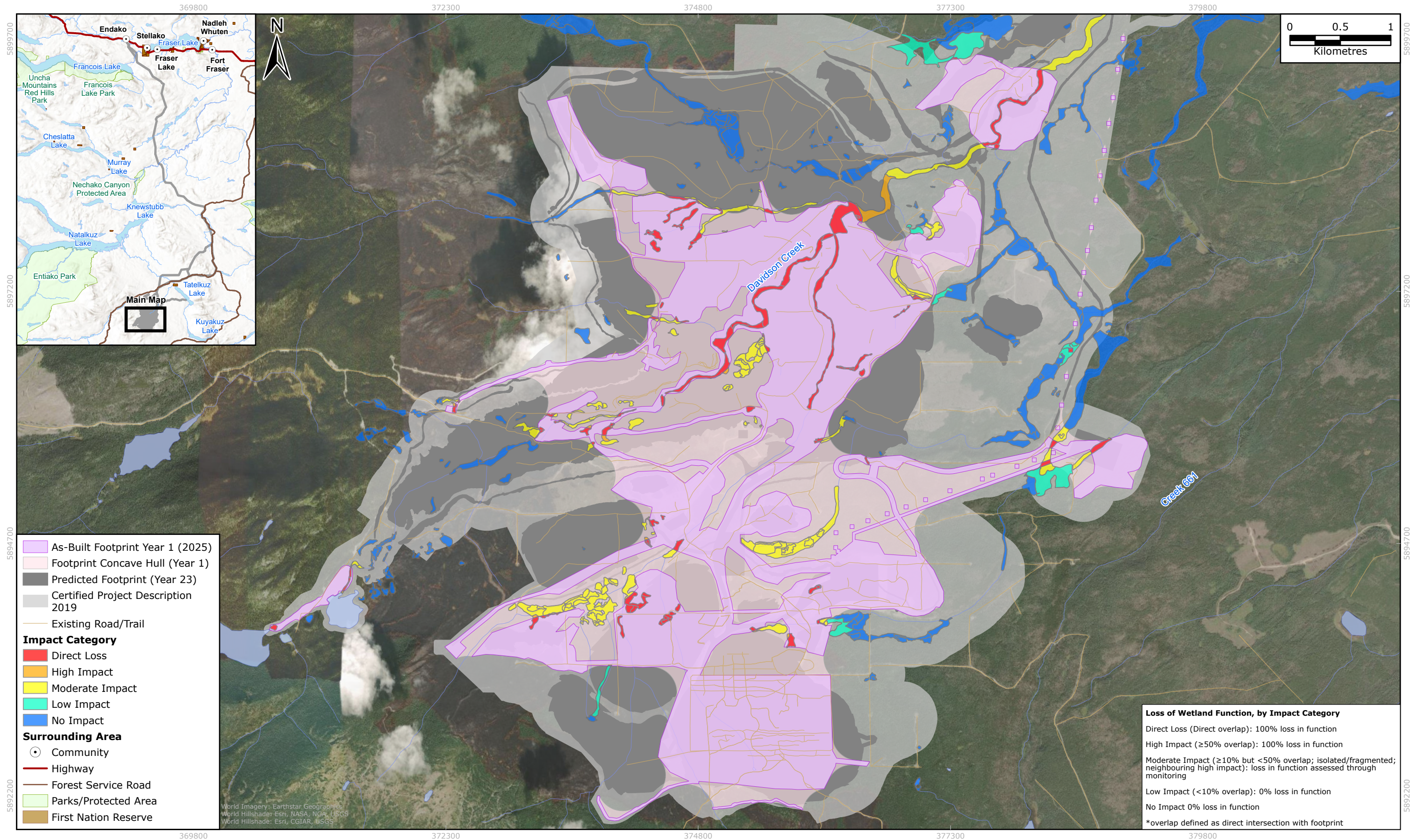


FIGURE B-9 YEAR 1 (2025) AS-BUILT DIRECT AND INDIRECT IMPACT TO WETLANDS, MINE SITE



APPENDIX C YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
DR-22-03	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-04	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-05	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-06	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-07	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-08	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-09	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-10	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-11	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-12	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-13	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-14	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-15	Fen	Wf05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-16	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-20	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-21	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-22	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-23	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-24	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-25	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-26	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-27	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-28	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-29	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-30	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-31	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-32	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-33	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-34	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-35	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-36	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-37	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-38	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-39	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-40	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-41	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-42	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-43	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-44	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-45	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-46	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-47	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-48	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-49	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-50	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-51	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-52	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-53	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-54	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-56	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-57	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-58	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
DR-22-59	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
MC02	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC03	Bog	Wb05	Matthews Creek	-	-	-	full	MC20	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
MC04	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
DR-22-03	-	-	-	-	-	1.767733	1.767733	0	0	27	47.728799	Averaged	0	0	No Impact	27
DR-22-04	-	-	-	-	-	2.335949	2.335949	0	0	26	60.734681	Averaged	0	0	No Impact	26
DR-22-05	-	-	-	-	-	0.584117	0.584117	0	0	26	15.187052	Averaged	0	0	No Impact	26
DR-22-06	-	-	-	-	-	7.029489	7.029489	0	0	28	196.8257	Averaged	0	0	No Impact	28
DR-22-07	-	-	-	-	-	0.207264	0.207264	0	0	26	5.388873	Averaged	0	0	No Impact	26
DR-22-08	-	-	-	-	-	6.213202	6.213202	0	0	28	173.96965	Averaged	0	0	No Impact	28
DR-22-09	-	-	-	-	-	3.463415	3.463415	0	0	28	96.97563	Averaged	0	0	No Impact	28
DR-22-10	-	-	-	-	-	0.651037	0.651037	0	0	27	17.577987	Averaged	0	0	No Impact	27
DR-22-11	-	-	-	-	-	5.374708	5.374708	0	0	27	145.117105	Averaged	0	0	No Impact	27
DR-22-12	-	-	-	-	-	1.920808	1.920808	0	0	28	53.782632	Averaged	0	0	No Impact	28
DR-22-13	-	-	-	-	-	2.790002	2.790002	0	0	28	78.120062	Averaged	0	0	No Impact	28
DR-22-14	-	-	-	-	-	1.016112	1.016112	0	0	26	26.418917	Averaged	0	0	No Impact	26
DR-22-15	-	-	-	-	-	0.361626	0.361626	0	0	28	10.125536	Averaged	0	0	No Impact	28
DR-22-16	-	-	-	-	-	1.014404	1.014404	0	0	26	26.374512	Averaged	0	0	No Impact	26
DR-22-20	-	-	-	-	-	0.361934	0.361934	0	0	26	9.410279	Averaged	0	0	No Impact	26
DR-22-21	-	-	-	-	-	0.096283	0.096283	0	0	28	2.695917	Averaged	0	0	No Impact	28
DR-22-22	-	-	-	-	-	1.174743	1.174743	0	0	28	32.892806	Averaged	0	0	No Impact	28
DR-22-23	-	-	-	-	-	1.04374	1.04374	0	0	27	28.18098	Averaged	0	0	No Impact	27
DR-22-24	-	-	-	-	-	0.116804	0.116804	0	0	28	3.27052	Averaged	0	0	No Impact	28
DR-22-25	-	-	-	-	-	1.09454	1.09454	0	0	26	28.45803	Averaged	0	0	No Impact	26
DR-22-26	-	-	-	-	-	0.372374	0.372374	0	0	26	9.681732	Averaged	0	0	No Impact	26
DR-22-27	-	-	-	-	-	0.463361	0.463361	0	0	28	12.974097	Averaged	0	0	No Impact	28
DR-22-28	-	-	-	-	-	0.736707	0.736707	0	0	26	19.154371	Averaged	0	0	No Impact	26
DR-22-29	-	-	-	-	-	5.058369	5.058369	0	0	28	141.63432	Averaged	0	0	No Impact	28
DR-22-30	-	-	-	-	-	0.158793	0.158793	0	0	27	4.287409	Averaged	0	0	No Impact	27
DR-22-31	-	-	-	-	-	1.377667	1.377667	0	0	27	37.19701	Averaged	0	0	No Impact	27
DR-22-32	-	-	-	-	-	0.267608	0.267608	0	0	26	6.957821	Averaged	0	0	No Impact	26
DR-22-33	-	-	-	-	-	0.015583	0.015583	0	0	27	0.42074	Averaged	0	0	No Impact	27
DR-22-34	-	-	-	-	-	0.199407	0.199407	0	0	28	5.583397	Averaged	0	0	No Impact	28
DR-22-35	-	-	-	-	-	0.077919	0.077919	0	0	26	2.0259	Averaged	0	0	No Impact	26
DR-22-36	-	-	-	-	-	0.736008	0.736008	0	0	28	20.608231	Averaged	0	0	No Impact	28
DR-22-37	-	-	-	-	-	3.076931	3.076931	0	0	26	80.000203	Averaged	0	0	No Impact	26
DR-22-38	-	-	-	-	-	0.286188	0.286188	0	0	26	7.440885	Averaged	0	0	No Impact	26
DR-22-39	-	-	-	-	-	0.768921	0.768921	0	0	27	20.760858	Averaged	0	0	No Impact	27
DR-22-40	-	-	-	-	-	0.637356	0.637356	0	0	28	17.845958	Averaged	0	0	No Impact	28
DR-22-41	-	-	-	-	-	0.351653	0.351653	0	0	27	9.49462	Averaged	0	0	No Impact	27
DR-22-42	-	-	-	-	-	0.161742	0.161742	0	0	28	4.528771	Averaged	0	0	No Impact	28
DR-22-43	-	-	-	-	-	0.525569	0.525569	0	0	28	14.715921	Averaged	0	0	No Impact	28
DR-22-44	-	-	-	-	-	0.687516	0.687516	0	0	27	18.562932	Averaged	0	0	No Impact	27
DR-22-45	-	-	-	-	-	3.402646	3.402646	0	0	30	102.079394	Averaged	0	0	No Impact	30
DR-22-46	-	-	-	-	-	0.938918	0.938918	0	0	29	27.228623	Averaged	0	0	No Impact	29
DR-22-47	-	-	-	-	-	0.71429	0.71429	0	0	28	20.000118	Averaged	0	0	No Impact	28
DR-22-48	-	-	-	-	-	0.492738	0.492738	0	0	26	12.811189	Averaged	0	0	No Impact	26
DR-22-49	-	-	-	-	-	2.506467	2.506467	0	0	27	67.674618	Averaged	0	0	No Impact	27
DR-22-50	-	-	-	-	-	1.55406	1.55406	0	0	27	41.959622	Averaged	0	0	No Impact	27
DR-22-51	-	-	-	-	-	0.411597	0.411597	0	0	26	10.701531	Averaged	0	0	No Impact	26
DR-22-52	-	-	-	-	-	0.652367	0.652367	0	0	27	17.613919	Averaged	0	0	No Impact	27
DR-22-53	-	-	-	-	-	1.14607	1.14607	0	0	27	30.943884	Averaged	0	0	No Impact	27
DR-22-54	-	-	-	-	-	0.103305	0.103305	0	0	29	2.995842	Averaged	0	0	No Impact	29
DR-22-56	-	-	-	-	-	1.626937	1.626937	0	0	27	43.927302	Averaged	0	0	No Impact	27
DR-22-57	-	-	-	-	-	0.854667	0.854667	0	0	26	22.221332	Averaged	0	0	No Impact	26
DR-22-58	-	-	-	-	-	0.160752	0.160752	0	0	27	4.340301	Averaged	0	0	No Impact	27
DR-22-59	-	-	-	-	-	0.083968	0.083968	0	0	28	2.351091	Averaged	0	0	No Impact	28
MC02	-	-	-	-	-	0.360946	0.360946	0	0	27	9.745537	Averaged	0	0	No Impact	27
MC03	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	2.589346	2.589346	0	0	29	75.091033	Calculated	0	0	No Impact	29
MC04	-	-	-	-	-	10.488401	10.488401	0	0	27	283.186829	Averaged	0	0	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
DR-22-03	47.728799	0	0	0	0	0	0	0	0	0	0	-124.7892573	53.33381979
DR-22-04	60.734681	0	0	0	0	0	0	0	0	0	0	-124.7904542	53.33347701
DR-22-05	15.187052	0	0	0	0	0	0	0	0	0	0	-124.7904961	53.33262548
DR-22-06	196.8257	0	0	0	0	0	0	0	0	0	0	-124.7873363	53.33314476
DR-22-07	5.388873	0	0	0	0	0	0	0	0	0	0	-124.7863904	53.33444036
DR-22-08	173.96965	0	0	0	0	0	0	0	0	0	0	-124.7860852	53.3307117
DR-22-09	96.97563	0	0	0	0	0	0	0	0	0	0	-124.7868675	53.32939467
DR-22-10	17.577987	0	0	0	0	0	0	0	0	0	0	-124.7838314	53.32877031
DR-22-11	145.117105	0	0	0	0	0	0	0	0	0	0	-124.7883934	53.32893792
DR-22-12	53.782632	0	0	0	0	0	0	0	0	0	0	-124.7909582	53.32964677
DR-22-13	78.120062	0	0	0	0	0	0	0	0	0	0	-124.7831544	53.33066397
DR-22-14	26.418917	0	0	0	0	0	0	0	0	0	0	-124.7812949	53.33252416
DR-22-15	10.125536	0	0	0	0	0	0	0	0	0	0	-124.7831828	53.32867897
DR-22-16	26.374512	0	0	0	0	0	0	0	0	0	0	-124.7821895	53.32813417
DR-22-20	9.410279	0	0	0	0	0	0	0	0	0	0	-124.7819129	53.3267231
DR-22-21	2.695917	0	0	0	0	0	0	0	0	0	0	-124.7828621	53.32636787
DR-22-22	32.892806	0	0	0	0	0	0	0	0	0	0	-124.7818664	53.32544492
DR-22-23	28.18098	0	0	0	0	0	0	0	0	0	0	-124.7829368	53.32587278
DR-22-24	3.27052	0	0	0	0	0	0	0	0	0	0	-124.7849197	53.32649251
DR-22-25	28.45803	0	0	0	0	0	0	0	0	0	0	-124.779827	53.32510368
DR-22-26	9.681732	0	0	0	0	0	0	0	0	0	0	-124.7779648	53.32435772
DR-22-27	12.974097	0	0	0	0	0	0	0	0	0	0	-124.7777782	53.32355854
DR-22-28	19.154371	0	0	0	0	0	0	0	0	0	0	-124.7769714	53.32358009
DR-22-29	141.63432	0	0	0	0	0	0	0	0	0	0	-124.7740675	53.32308395
DR-22-30	4.287409	0	0	0	0	0	0	0	0	0	0	-124.7753109	53.32347007
DR-22-31	37.19701	0	0	0	0	0	0	0	0	0	0	-124.7737616	53.32187971
DR-22-32	6.957821	0	0	0	0	0	0	0	0	0	0	-124.7740498	53.32104466
DR-22-33	0.42074	0	0	0	0	0	0	0	0	0	0	-124.7739682	53.32077062
DR-22-34	5.583397	0	0	0	0	0	0	0	0	0	0	-124.7744604	53.32135233
DR-22-35	2.0259	0	0	0	0	0	0	0	0	0	0	-124.7777139	53.32289287
DR-22-36	20.608231	0	0	0	0	0	0	0	0	0	0	-124.7783446	53.32264349
DR-22-37	80.000203	0	0	0	0	0	0	0	0	0	0	-124.777102	53.32168528
DR-22-38	7.440885	0	0	0	0	0	0	0	0	0	0	-124.778394	53.32318446
DR-22-39	20.760858	0	0	0	0	0	0	0	0	0	0	-124.7794204	53.32315277
DR-22-40	17.845958	0	0	0	0	0	0	0	0	0	0	-124.7795516	53.32336911
DR-22-41	9.49462	0	0	0	0	0	0	0	0	0	0	-124.781006	53.32277766
DR-22-42	4.528771	0	0	0	0	0	0	0	0	0	0	-124.7796186	53.32089927
DR-22-43	14.715921	0	0	0	0	0	0	0	0	0	0	-124.7786394	53.32198448
DR-22-44	18.562932	0	0	0	0	0	0	0	0	0	0	-124.7791909	53.32118531
DR-22-45	102.079394	0	0	0	0	0	0	0	0	0	0	-124.7886074	53.32125744
DR-22-46	27.228623	0	0	0	0	0	0	0	0	0	0	-124.7886425	53.32161516
DR-22-47	20.000118	0	0	0	0	0	0	0	0	0	0	-124.7856022	53.32049587
DR-22-48	12.811189	0	0	0	0	0	0	0	0	0	0	-124.7842942	53.32061902
DR-22-49	67.674618	0	0	0	0	0	0	0	0	0	0	-124.7802985	53.32445657
DR-22-50	41.959622	0	0	0	0	0	0	0	0	0	0	-124.7814209	53.32386024
DR-22-51	10.701531	0	0	0	0	0	0	0	0	0	0	-124.7812592	53.32120831
DR-22-52	17.613919	0	0	0	0	0	0	0	0	0	0	-124.7752215	53.32230098
DR-22-53	30.943884	0	0	0	0	0	0	0	0	0	0	-124.7759101	53.32240822
DR-22-54	2.995842	0	0	0	0	0	0	0	0	0	0	-124.7439084	53.33245024
DR-22-56	43.927302	0	0	0	0	0	0	0	0	0	0	-124.7895969	53.33159827
DR-22-57	22.221332	0	0	0	0	0	0	0	0	0	0	-124.7908585	53.33146956
DR-22-58	4.340301	0	0	0	0	0	0	0	0	0	0	-124.7816784	53.32450626
DR-22-59	2.351091	0	0	0	0	0	0	0	0	0	0	-124.7841697	53.32588509
MC02	9.745537	0	0	0	0	0	0	0	0	0	0	-125.0833008	53.10689861
MC03	75.091033	0	0	0	0	0	0	0	0	0	0	-125.0821013	53.10741979
MC04	283.186829	0	0	0	0	0	0	0	0	0	0	-125.0765869	53.10798631

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
MC05	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC06	Fen	Wf07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC07	Fen	Wf	Matthews Creek	-	-	-	full	MC33	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
MC09	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC10	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC100	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC101	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC102	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC103	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC104	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC105	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC106	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC107	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC109	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC11	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC110	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC111	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC112	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC113	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC115	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC116	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC117	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC118	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC119	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC12	Bog	Wb05	Matthews Creek	-	-	-	full	MC34	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
MC120	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC121	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC122	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC123	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC124	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC125	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC126	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC127	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC128	SOW	Ww	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC13	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC131	Marsh	Wm	Matthews Creek	-	-	-	full	MC24	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
MC132	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC135	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC136	Marsh	Wm01	Matthews Creek	-	-	-	full	MC01	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
MC137	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC138	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC139	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC14	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC140	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC141	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC143	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC144	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC145	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC146	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC147	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC148	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC15	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC150	Fen	Wf02	Matthews Creek	-	-	-	full	MC06	Moderate (2)	High (3)	High (3)	Low (1)	High (3)	Low (1)	High (3)
MC151	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC152	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC153	Bog	Wb08	Matthews Creek	-	-	-	full	MC07	Low (1)	Low (1)	Low (1)	Low (1)	High (3)	Low (1)	High (3)

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
MC05	-	-	-	-	-	0.46273	0.46273	0	0	28	12.956431	Averaged	0	0	No Impact	28
MC06	-	-	-	-	-	1.891468	1.891468	0	0	28	52.9611	Averaged	0	0	No Impact	28
MC07	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	2.016574	2.016574	0	0	27	54.447503	Calculated	0	0	No Impact	27
MC09	-	-	-	-	-	2.758004	2.758004	0	0	27	74.466116	Averaged	0	0	No Impact	27
MC10	-	-	-	-	-	0.147	0.147	0	0	27	3.968991	Averaged	0	0	No Impact	27
MC100	-	-	-	-	-	0.02646	0.02646	0	0	26	0.68797	Averaged	0	0	No Impact	26
MC101	-	-	-	-	-	0.769146	0.769146	0	0	29	22.305229	Averaged	0	0	No Impact	29
MC102	-	-	-	-	-	0.056332	0.056332	0	0	29	1.633632	Averaged	0	0	No Impact	29
MC103	-	-	-	-	-	0.097695	0.097695	0	0	29	2.833166	Averaged	0	0	No Impact	29
MC104	-	-	-	-	-	0.082267	0.082267	0	0	26	2.13894	Averaged	0	0	No Impact	26
MC105	-	-	-	-	-	0.07416	0.07416	0	0	29	2.15064	Averaged	0	0	No Impact	29
MC106	-	-	-	-	-	0.052736	0.052736	0	0	26	1.371135	Averaged	0	0	No Impact	26
MC107	-	-	-	-	-	0.069299	0.069299	0	0	26	1.801781	Averaged	0	0	No Impact	26
MC109	-	-	-	-	-	0.096236	0.096236	0	0	26	2.502145	Averaged	0	0	No Impact	26
MC11	-	-	-	-	-	4.016899	4.016899	0	0	27	108.45628	Averaged	0	0	No Impact	27
MC110	-	-	-	-	-	0.045046	0.045046	0	0	29	1.306344	Averaged	0	0	No Impact	29
MC111	-	-	-	-	-	0.100101	0.100101	0	0	26	2.602621	Averaged	0	0	No Impact	26
MC112	-	-	-	-	-	5.660505	5.660505	0	0	29	164.154648	Averaged	0	0	No Impact	29
MC113	-	-	-	-	-	0.408992	0.408992	0	0	29	11.860758	Averaged	0	0	No Impact	29
MC115	-	-	-	-	-	0.271303	0.271303	0	0	29	7.867783	Averaged	0	0	No Impact	29
MC116	-	-	-	-	-	0.604658	0.604658	0	0	28	16.930434	Averaged	0	0	No Impact	28
MC117	-	-	-	-	-	0.058754	0.058754	0	0	29	1.703872	Averaged	0	0	No Impact	29
MC118	-	-	-	-	-	0.021616	0.021616	0	0	29	0.626863	Averaged	0	0	No Impact	29
MC119	-	-	-	-	-	0.465438	0.465438	0	0	29	13.497716	Averaged	0	0	No Impact	29
MC12	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	1.502205	1.502205	0	0	25	37.555121	Calculated	0	0	No Impact	25
MC120	-	-	-	-	-	0.323343	0.323343	0	0	29	9.376956	Averaged	0	0	No Impact	29
MC121	-	-	-	-	-	0.156465	0.156465	0	0	29	4.537478	Averaged	0	0	No Impact	29
MC122	-	-	-	-	-	0.21954	0.21954	0	0	27	5.927592	Averaged	0	0	No Impact	27
MC123	-	-	-	-	-	2.42774	2.42774	0	0	26	63.121248	Averaged	0	0	No Impact	26
MC124	-	-	-	-	-	4.078242	4.078242	0	0	26	106.034282	Averaged	0	0	No Impact	26
MC125	-	-	-	-	-	0.814906	0.814906	0	0	29	23.632286	Averaged	0	0	No Impact	29
MC126	-	-	-	-	-	1.177231	1.177231	0	0	26	30.608019	Averaged	0	0	No Impact	26
MC127	-	-	-	-	-	0.130518	0.130518	0	0	26	3.39347	Averaged	0	0	No Impact	26
MC128	-	-	-	-	-	0.138009	0.138009	0	0	30	4.140266	Averaged	0	0	No Impact	30
MC13	-	-	-	-	-	2.215089	2.215089	0	0	27	59.80739	Averaged	0	0	No Impact	27
MC131	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	4.18124	4.18124	0	0	29	121.255968	Calculated	0	0	No Impact	29
MC132	-	-	-	-	-	0.517722	0.517722	0	0	28	14.496216	Averaged	0	0	No Impact	28
MC135	-	-	-	-	-	0.056284	0.056284	0	0	26	1.46338	Averaged	0	0	No Impact	26
MC136	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	1.73106	1.73106	0	0	26	45.007553	Calculated	0	0	No Impact	26
MC137	-	-	-	-	-	0.403402	0.403402	0	0	26	10.488451	Averaged	0	0	No Impact	26
MC138	-	-	-	-	-	0.052165	0.052165	0	0	26	1.3563	Averaged	0	0	No Impact	26
MC139	-	-	-	-	-	0.194164	0.194164	0	0	29	5.63075	Averaged	0	0	No Impact	29
MC14	-	-	-	-	-	4.721046	4.721046	0	0	27	127.468231	Averaged	0	0	No Impact	27
MC140	-	-	-	-	-	1.068723	1.068723	0	0	29	30.992958	Averaged	0	0	No Impact	29
MC141	-	-	-	-	-	0.409008	0.409008	0	0	26	10.634205	Averaged	0	0	No Impact	26
MC143	-	-	-	-	-	1.49231	1.49231	0	0	29	43.276995	Averaged	0	0	No Impact	29
MC144	-	-	-	-	-	1.108456	1.108456	0	0	29	32.145236	Averaged	0	0	No Impact	29
MC145	-	-	-	-	-	0.054956	0.054956	0	0	29	1.593735	Averaged	0	0	No Impact	29
MC146	-	-	-	-	-	0.051328	0.051328	0	0	29	1.488521	Averaged	0	0	No Impact	29
MC147	-	-	-	-	-	1.229157	1.229157	0	0	26	31.95807	Averaged	0	0	No Impact	26
MC148	-	-	-	-	-	0.241367	0.241367	0	0	27	6.516896	Averaged	0	0	No Impact	27
MC15	-	-	-	-	-	0.136578	0.136578	0	0	28	3.82419	Averaged	0	0	No Impact	28
MC150	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.835935	0.835935	0	0	27	22.570242	Calculated	0	0	No Impact	27
MC151	-	-	-	-	-	0.374333	0.374333	0	0	26	9.732651	Averaged	0	0	No Impact	26
MC152	-	-	-	-	-	0.924548	0.924548	0	0	26	24.038239	Averaged	0	0	No Impact	26
MC153	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	4.685859	4.685859	0	0	27	126.518184	Calculated	0	0	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
MC05	12.956431	0	0	0	0	0	0	0	0	0	0	-125.0794921	53.11447383
MC06	52.9611	0	0	0	0	0	0	0	0	0	0	-125.0797738	53.11369619
MC07	54.447503	0	0	0	0	0	0	0	0	0	0	-125.0801591	53.11310162
MC09	74.466116	0	0	0	0	0	0	0	0	0	0	-125.0742959	53.11294568
MC10	3.968991	0	0	0	0	0	0	0	0	0	0	-125.0676451	53.11279237
MC100	0.68797	0	0	0	0	0	0	0	0	0	0	-125.0868944	53.10958895
MC101	22.305229	0	0	0	0	0	0	0	0	0	0	-125.0844045	53.11143039
MC102	1.633632	0	0	0	0	0	0	0	0	0	0	-125.0788349	53.11209439
MC103	2.833166	0	0	0	0	0	0	0	0	0	0	-125.0827376	53.1112717
MC104	2.13894	0	0	0	0	0	0	0	0	0	0	-125.0826355	53.11172258
MC105	2.15064	0	0	0	0	0	0	0	0	0	0	-125.082215	53.11221145
MC106	1.371135	0	0	0	0	0	0	0	0	0	0	-125.0829192	53.1133646
MC107	1.801781	0	0	0	0	0	0	0	0	0	0	-125.0825239	53.11322778
MC109	2.502145	0	0	0	0	0	0	0	0	0	0	-125.0671003	53.11287616
MC11	108.45628	0	0	0	0	0	0	0	0	0	0	-125.0696224	53.1132664
MC110	1.306344	0	0	0	0	0	0	0	0	0	0	-125.0668137	53.11222252
MC111	2.602621	0	0	0	0	0	0	0	0	0	0	-125.0674409	53.11193832
MC112	164.154648	0	0	0	0	0	0	0	0	0	0	-125.066986	53.11155705
MC113	11.860758	0	0	0	0	0	0	0	0	0	0	-125.0687577	53.11115963
MC115	7.867783	0	0	0	0	0	0	0	0	0	0	-125.0680878	53.10951397
MC116	16.930434	0	0	0	0	0	0	0	0	0	0	-125.0673049	53.10962946
MC117	1.703872	0	0	0	0	0	0	0	0	0	0	-125.0664741	53.11068317
MC118	0.626863	0	0	0	0	0	0	0	0	0	0	-125.0665724	53.11043928
MC119	13.497716	0	0	0	0	0	0	0	0	0	0	-125.0742769	53.11018403
MC12	37.555121	0	0	0	0	0	0	0	0	0	0	-125.0775837	53.1142298
MC120	9.376956	0	0	0	0	0	0	0	0	0	0	-125.0718973	53.10973545
MC121	4.537478	0	0	0	0	0	0	0	0	0	0	-125.0723245	53.10963254
MC122	5.927592	0	0	0	0	0	0	0	0	0	0	-125.0709998	53.10881606
MC123	63.121248	0	0	0	0	0	0	0	0	0	0	-125.0728641	53.10930392
MC124	106.034282	0	0	0	0	0	0	0	0	0	0	-125.072531	53.11005549
MC125	23.632286	0	0	0	0	0	0	0	0	0	0	-125.0822075	53.11174574
MC126	30.608019	0	0	0	0	0	0	0	0	0	0	-125.0793592	53.11254474
MC127	3.39347	0	0	0	0	0	0	0	0	0	0	-125.0751967	53.11139293
MC128	4.140266	0	0	0	0	0	0	0	0	0	0	-125.0747897	53.11111319
MC13	59.80739	0	0	0	0	0	0	0	0	0	0	-125.0733187	53.10800519
MC131	121.255968	0	0	0	0	0	0	0	0	0	0	-125.0706993	53.11132546
MC132	14.496216	0	0	0	0	0	0	0	0	0	0	-125.0706835	53.11157817
MC135	1.46338	0	0	0	0	0	0	0	0	0	0	-125.0571862	53.11157615
MC136	45.007553	0	0	0	0	0	0	0	0	0	0	-125.0587492	53.11171582
MC137	10.488451	0	0	0	0	0	0	0	0	0	0	-125.056999	53.11136694
MC138	1.3563	0	0	0	0	0	0	0	0	0	0	-125.0604126	53.11166087
MC139	5.63075	0	0	0	0	0	0	0	0	0	0	-125.0618019	53.11115176
MC14	127.468231	0	0	0	0	0	0	0	0	0	0	-125.0787306	53.10861862
MC140	30.992958	0	0	0	0	0	0	0	0	0	0	-125.0607281	53.11115501
MC141	10.634205	0	0	0	0	0	0	0	0	0	0	-125.0596733	53.11161714
MC143	43.276995	0	0	0	0	0	0	0	0	0	0	-125.0617163	53.11221377
MC144	32.145236	0	0	0	0	0	0	0	0	0	0	-125.0633803	53.11229746
MC145	1.593735	0	0	0	0	0	0	0	0	0	0	-125.0612823	53.11252268
MC146	1.488521	0	0	0	0	0	0	0	0	0	0	-125.0659072	53.11097713
MC147	31.95807	0	0	0	0	0	0	0	0	0	0	-125.0650031	53.11126629
MC148	6.516896	0	0	0	0	0	0	0	0	0	0	-125.0671035	53.10923325
MC15	3.82419	0	0	0	0	0	0	0	0	0	0	-125.0783412	53.10705437
MC150	22.570242	0	0	0	0	0	0	0	0	0	0	-125.0617898	53.11029731
MC151	9.732651	0	0	0	0	0	0	0	0	0	0	-125.0641422	53.1110617
MC152	24.038239	0	0	0	0	0	0	0	0	0	0	-125.0644408	53.10956449
MC153	126.518184	0	0	0	0	0	0	0	0	0	0	-125.0644951	53.11018709

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
MC154	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC155	Swamp	Ws07	Matthews Creek	-	-	-	full	MC03	Moderate (2)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)	High (3)
MC156	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC158	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC159	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC16	Swamp	Ws07	Matthews Creek	-	-	-	full	MC08	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	High (3)	High (3)
MC163	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC164	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC165	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC168	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC169	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC17	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC170	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC171	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC173	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC174	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC175	Swamp	Ws04	Matthews Creek	-	-	-	full	MC14	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
MC176	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC177	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC178	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC179	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC180	Bog	Wb	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC181	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC182	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC183	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC185	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC186	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC187	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC188	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC189	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC19	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC190	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC191	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC192	Fen	Wf02	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC193	Fen	Wf07	Matthews Creek	-	-	-	full	MC11	Moderate (2)	Low (1)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
MC194	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC195	Bog	Wb05	Matthews Creek	-	-	-	full	MC16	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
MC196	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC197	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC198	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC199	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC20	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC200	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC201	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC202	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC203	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC204	Fen	Wf02	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC205	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC207	Fen	Wf02	Matthews Creek	-	-	-	full	MC02	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)
MC208	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC209	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC21	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC210	Fen	Wf02	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC211	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC212	Fen	Wf02	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC213	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
MC154	-	-	-	-	-	0.944961	0.944961	0	0	26	24.56898	Averaged	0	0	No Impact	26
MC155	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	0.274175	0.274175	0	0	30	8.225255	Calculated	0	0	No Impact	30
MC156	-	-	-	-	-	0.050835	0.050835	0	0	29	1.474206	Averaged	0	0	No Impact	29
MC158	-	-	-	-	-	1.577614	1.577614	0	0	29	45.750815	Averaged	0	0	No Impact	29
MC159	-	-	-	-	-	0.059427	0.059427	0	0	26	1.545094	Averaged	0	0	No Impact	26
MC16	Low (1)	High (3)	High (3)	At Risk (3)	High (3)	5.470211	5.470211	0	0	30	164.106322	Calculated	0	0	No Impact	30
MC163	-	-	-	-	-	0.615861	0.615861	0	0	26	16.012384	Averaged	0	0	No Impact	26
MC164	-	-	-	-	-	0.067128	0.067128	0	0	29	1.946712	Averaged	0	0	No Impact	29
MC165	-	-	-	-	-	3.443889	3.443889	0	0	27	92.985002	Averaged	0	0	No Impact	27
MC168	-	-	-	-	-	1.514721	1.514721	0	0	29	43.926896	Averaged	0	0	No Impact	29
MC169	-	-	-	-	-	0.152666	0.152666	0	0	29	4.427322	Averaged	0	0	No Impact	29
MC17	-	-	-	-	-	3.440661	3.440661	0	0	29	99.779161	Averaged	0	0	No Impact	29
MC170	-	-	-	-	-	1.080188	1.080188	0	0	26	28.084881	Averaged	0	0	No Impact	26
MC171	-	-	-	-	-	0.500278	0.500278	0	0	26	13.007231	Averaged	0	0	No Impact	26
MC173	-	-	-	-	-	0.789063	0.789063	0	0	27	21.304705	Averaged	0	0	No Impact	27
MC174	-	-	-	-	-	1.451664	1.451664	0	0	26	37.743271	Averaged	0	0	No Impact	26
MC175	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.672765	0.672765	0	0	26	17.491879	Calculated	0	0	No Impact	26
MC176	-	-	-	-	-	0.08678	0.08678	0	0	26	2.25627	Averaged	0	0	No Impact	26
MC177	-	-	-	-	-	0.863782	0.863782	0	0	26	22.458342	Averaged	0	0	No Impact	26
MC178	-	-	-	-	-	0.171163	0.171163	0	0	27	4.621397	Averaged	0	0	No Impact	27
MC179	-	-	-	-	-	2.861377	2.861377	0	0	26	74.395801	Averaged	0	0	No Impact	26
MC180	-	-	-	-	-	0.64676	0.64676	0	0	27	17.462532	Averaged	0	0	No Impact	27
MC181	-	-	-	-	-	0.824299	0.824299	0	0	27	22.256063	Averaged	0	0	No Impact	27
MC182	-	-	-	-	-	0.889028	0.889028	0	0	27	24.003763	Averaged	0	0	No Impact	27
MC183	-	-	-	-	-	0.87058	0.87058	0	0	28	24.37623	Averaged	0	0	No Impact	28
MC185	-	-	-	-	-	0.159304	0.159304	0	0	28	4.460499	Averaged	0	0	No Impact	28
MC186	-	-	-	-	-	0.307363	0.307363	0	0	28	8.606164	Averaged	0	0	No Impact	28
MC187	-	-	-	-	-	0.358517	0.358517	0	0	27	9.679971	Averaged	0	0	No Impact	27
MC188	-	-	-	-	-	0.398005	0.398005	0	0	28	11.144133	Averaged	0	0	No Impact	28
MC189	-	-	-	-	-	0.312404	0.312404	0	0	27	8.434917	Averaged	0	0	No Impact	27
MC19	-	-	-	-	-	3.192254	3.192254	0	0	27	86.190847	Averaged	0	0	No Impact	27
MC190	-	-	-	-	-	0.809879	0.809879	0	0	27	21.866733	Averaged	0	0	No Impact	27
MC191	-	-	-	-	-	7.812264	7.812264	0	0	27	210.93112	Averaged	0	0	No Impact	27
MC192	-	-	-	-	-	1.089285	1.089285	0	0	28	30.499982	Averaged	0	0	No Impact	28
MC193	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	2.875979	2.875979	0	0	26	74.775456	Calculated	0	0	No Impact	26
MC194	-	-	-	-	-	0.886081	0.886081	0	0	27	23.924189	Averaged	0	0	No Impact	27
MC195	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	1.09858	1.09858	0	0	27	29.661661	Calculated	0	0	No Impact	27
MC196	-	-	-	-	-	1.79838	1.79838	0	0	26	46.757872	Averaged	0	0	No Impact	26
MC197	-	-	-	-	-	0.559069	0.559069	0	0	27	15.094869	Averaged	0	0	No Impact	27
MC198	-	-	-	-	-	0.490333	0.490333	0	0	27	13.239	Averaged	0	0	No Impact	27
MC199	-	-	-	-	-	0.826833	0.826833	0	0	27	22.3245	Averaged	0	0	No Impact	27
MC20	-	-	-	-	-	0.884877	0.884877	0	0	29	25.661431	Averaged	0	0	No Impact	29
MC200	-	-	-	-	-	2.038496	2.038496	0	0	27	55.039399	Averaged	0	0	No Impact	27
MC201	-	-	-	-	-	0.288363	0.288363	0	0	27	7.785793	Averaged	0	0	No Impact	27
MC202	-	-	-	-	-	1.158484	1.158484	0	0	27	31.279059	Averaged	0	0	No Impact	27
MC203	-	-	-	-	-	1.327736	1.327736	0	0	26	34.521139	Averaged	0	0	No Impact	26
MC204	-	-	-	-	-	0.897235	0.897235	0	0	28	25.122582	Averaged	0	0	No Impact	28
MC205	-	-	-	-	-	0.09602	0.09602	0	0	27	2.592539	Averaged	0	0	No Impact	27
MC207	Low (1)	High (3)	Low (1)	Not Functioning (1)	High (3)	0.436531	0.436531	0	0	24	10.476741	Calculated	0	0	No Impact	24
MC208	-	-	-	-	-	1.493692	1.493692	0	0	27	40.329678	Averaged	0	0	No Impact	27
MC209	-	-	-	-	-	0.228015	0.228015	0	0	27	6.156406	Averaged	0	0	No Impact	27
MC21	-	-	-	-	-	0.622138	0.622138	0	0	26	16.175591	Averaged	0	0	No Impact	26
MC210	-	-	-	-	-	0.311037	0.311037	0	0	28	8.709028	Averaged	0	0	No Impact	28
MC211	-	-	-	-	-	0.772225	0.772225	0	0	27	20.850064	Averaged	0	0	No Impact	27
MC212	-	-	-	-	-	1.156521	1.156521	0	0	28	32.382575	Averaged	0	0	No Impact	28
MC213	-	-	-	-	-	1.362731	1.362731	0	0	26	35.430998	Averaged	0	0	No Impact	26

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
MC154	24.56898	0	0	0	0	0	0	0	0	0	0	-125.0584253	53.1110629
MC155	8.225255	0	0	0	0	0	0	0	0	0	0	-125.0592528	53.11028735
MC156	1.474206	0	0	0	0	0	0	0	0	0	0	-125.0538611	53.11460846
MC158	45.750815	0	0	0	0	0	0	0	0	0	0	-125.0557154	53.11296421
MC159	1.545094	0	0	0	0	0	0	0	0	0	0	-125.0550149	53.11405781
MC16	164.106322	0	0	0	0	0	0	0	0	0	0	-125.0631011	53.10890987
MC163	16.012384	0	0	0	0	0	0	0	0	0	0	-125.0479994	53.11447042
MC164	1.946712	0	0	0	0	0	0	0	0	0	0	-125.0506988	53.11466072
MC165	92.985002	0	0	0	0	0	0	0	0	0	0	-125.05685	53.11561168
MC168	43.926896	0	0	0	0	0	0	0	0	0	0	-125.0588705	53.11292004
MC169	4.427322	0	0	0	0	0	0	0	0	0	0	-125.0607306	53.1133803
MC17	99.779161	0	0	0	0	0	0	0	0	0	0	-125.0785139	53.1110128
MC170	28.084881	0	0	0	0	0	0	0	0	0	0	-125.0615996	53.1129684
MC171	13.007231	0	0	0	0	0	0	0	0	0	0	-125.0643203	53.11290134
MC173	21.304705	0	0	0	0	0	0	0	0	0	0	-125.0591224	53.1138377
MC174	37.743271	0	0	0	0	0	0	0	0	0	0	-125.0578245	53.11341243
MC175	17.491879	0	0	0	0	0	0	0	0	0	0	-125.0556156	53.11373206
MC176	2.25627	0	0	0	0	0	0	0	0	0	0	-125.0547416	53.11189554
MC177	22.458342	0	0	0	0	0	0	0	0	0	0	-125.0545349	53.11195713
MC178	4.621397	0	0	0	0	0	0	0	0	0	0	-125.0533865	53.11237426
MC179	74.395801	0	0	0	0	0	0	0	0	0	0	-125.0523013	53.11374234
MC180	17.462532	0	0	0	0	0	0	0	0	0	0	-125.0503044	53.11309114
MC181	22.256063	0	0	0	0	0	0	0	0	0	0	-125.0516753	53.11328232
MC182	24.003763	0	0	0	0	0	0	0	0	0	0	-125.0522923	53.11275711
MC183	24.37623	0	0	0	0	0	0	0	0	0	0	-125.053111	53.11517807
MC185	4.460499	0	0	0	0	0	0	0	0	0	0	-125.0536267	53.11490261
MC186	8.606164	0	0	0	0	0	0	0	0	0	0	-125.0582615	53.11473878
MC187	9.679971	0	0	0	0	0	0	0	0	0	0	-125.0606831	53.11050739
MC188	11.144133	0	0	0	0	0	0	0	0	0	0	-125.0512197	53.11186579
MC189	8.434917	0	0	0	0	0	0	0	0	0	0	-125.0543321	53.11158764
MC19	86.190847	0	0	0	0	0	0	0	0	0	0	-125.0812362	53.10976843
MC190	21.866733	0	0	0	0	0	0	0	0	0	0	-125.0478294	53.11125856
MC191	210.93112	0	0	0	0	0	0	0	0	0	0	-125.0526523	53.11037839
MC192	30.499982	0	0	0	0	0	0	0	0	0	0	-125.0503342	53.11222899
MC193	74.775456	0	0	0	0	0	0	0	0	0	0	-125.0507273	53.11178178
MC194	23.924189	0	0	0	0	0	0	0	0	0	0	-125.0554074	53.11567542
MC195	29.661661	0	0	0	0	0	0	0	0	0	0	-125.0548458	53.11482009
MC196	46.757872	0	0	0	0	0	0	0	0	0	0	-125.0565537	53.11427638
MC197	15.094869	0	0	0	0	0	0	0	0	0	0	-125.0609126	53.1100276
MC198	13.239	0	0	0	0	0	0	0	0	0	0	-125.0545006	53.10982463
MC199	22.3245	0	0	0	0	0	0	0	0	0	0	-125.0588342	53.11009432
MC20	25.661431	0	0	0	0	0	0	0	0	0	0	-125.0897375	53.10774489
MC200	55.039399	0	0	0	0	0	0	0	0	0	0	-125.0578575	53.10972328
MC201	7.785793	0	0	0	0	0	0	0	0	0	0	-125.0498254	53.10932384
MC202	31.279059	0	0	0	0	0	0	0	0	0	0	-125.0525573	53.10975888
MC203	34.521139	0	0	0	0	0	0	0	0	0	0	-125.0496042	53.10890872
MC204	25.122582	0	0	0	0	0	0	0	0	0	0	-125.0553356	53.11057456
MC205	2.592539	0	0	0	0	0	0	0	0	0	0	-125.0571271	53.11034259
MC207	10.476741	0	0	0	0	0	0	0	0	0	0	-125.0570618	53.11053811
MC208	40.329678	0	0	0	0	0	0	0	0	0	0	-125.0767162	53.10730568
MC209	6.156406	0	0	0	0	0	0	0	0	0	0	-125.047301	53.10887239
MC21	16.175591	0	0	0	0	0	0	0	0	0	0	-125.0885871	53.11243416
MC210	8.709028	0	0	0	0	0	0	0	0	0	0	-125.0463933	53.10873598
MC211	20.850064	0	0	0	0	0	0	0	0	0	0	-125.0453796	53.1088968
MC212	32.382575	0	0	0	0	0	0	0	0	0	0	-125.0489073	53.11088355
MC213	35.430998	0	0	0	0	0	0	0	0	0	0	-125.0463709	53.11379916

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
MC214	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC216	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC218	Fen	Wf02	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC219	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC22	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC221	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC222	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC223	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC224	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC225	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC226	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC227	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC228	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC23	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC233	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC234	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC235	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC237	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC239	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC240	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC241	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC242	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC243	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC244	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC25	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC26	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC27	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC28	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC29	Fen	Wf07	Matthews Creek	-	-	-	full	MC26	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
MC30	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC31	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC33	Swamp	Ws07	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC35	Fen	Wf07	Matthews Creek	-	-	-	full	MC28	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
MC36	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC37	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC38	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC39	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC40	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC41	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC42	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC43	SOW	Ww	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC45	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC46	Bog	Wb08	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC47	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC48	Bog	Wb05	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC49	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC50	Swamp	Ws	Matthews Creek	-	-	-	full	MC30	Moderate (2)	High (3)	Low (1)	Moderate (2)	High (3)	High (3)	High (3)
MC53	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC55	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC56	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC57	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC58	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC60	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC62	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC63	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC64	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
MC214	-	-	-	-	-	0.177748	0.177748	0	0	26	4.621449	Averaged	0	0	No Impact	26
MC216	-	-	-	-	-	0.339305	0.339305	0	0	29	9.839855	Averaged	0	0	No Impact	29
MC218	-	-	-	-	-	0.456622	0.456622	0	0	28	12.785417	Averaged	0	0	No Impact	28
MC219	-	-	-	-	-	0.166743	0.166743	0	0	26	4.335329	Averaged	0	0	No Impact	26
MC22	-	-	-	-	-	0.680041	0.680041	0	0	27	18.361096	Averaged	0	0	No Impact	27
MC221	-	-	-	-	-	2.083351	2.083351	0	0	29	60.41719	Averaged	0	0	No Impact	29
MC222	-	-	-	-	-	0.336482	0.336482	0	0	28	9.421483	Averaged	0	0	No Impact	28
MC223	-	-	-	-	-	0.028002	0.028002	0	0	29	0.812052	Averaged	0	0	No Impact	29
MC224	-	-	-	-	-	0.014254	0.014254	0	0	29	0.413375	Averaged	0	0	No Impact	29
MC225	-	-	-	-	-	0.340412	0.340412	0	0	27	9.191117	Averaged	0	0	No Impact	27
MC226	-	-	-	-	-	0.329634	0.329634	0	0	26	8.570497	Averaged	0	0	No Impact	26
MC227	-	-	-	-	-	0.016918	0.016918	0	0	29	0.49061	Averaged	0	0	No Impact	29
MC228	-	-	-	-	-	0.084394	0.084394	0	0	29	2.447437	Averaged	0	0	No Impact	29
MC23	-	-	-	-	-	1.657326	1.657326	0	0	26	43.090482	Averaged	0	0	No Impact	26
MC233	-	-	-	-	-	0.330036	0.330036	0	0	26	8.580932	Averaged	0	0	No Impact	26
MC234	-	-	-	-	-	0.102229	0.102229	0	0	29	2.964629	Averaged	0	0	No Impact	29
MC235	-	-	-	-	-	0.362177	0.362177	0	0	28	10.140966	Averaged	0	0	No Impact	28
MC237	-	-	-	-	-	1.07384	1.07384	0	0	28	30.067529	Averaged	0	0	No Impact	28
MC239	-	-	-	-	-	0.245991	0.245991	0	0	27	6.641758	Averaged	0	0	No Impact	27
MC240	-	-	-	-	-	1.431802	1.431802	0	0	26	37.226843	Averaged	0	0	No Impact	26
MC241	-	-	-	-	-	0.890524	0.890524	0	0	26	23.153614	Averaged	0	0	No Impact	26
MC242	-	-	-	-	-	1.208135	1.208135	0	0	28	33.827776	Averaged	0	0	No Impact	28
MC243	-	-	-	-	-	0.170192	0.170192	0	0	26	4.424986	Averaged	0	0	No Impact	26
MC244	-	-	-	-	-	0.159896	0.159896	0	0	27	4.317204	Averaged	0	0	No Impact	27
MC25	-	-	-	-	-	6.527	6.527	0	0	26	169.702009	Averaged	0	0	No Impact	26
MC26	-	-	-	-	-	0.537318	0.537318	0	0	27	14.507577	Averaged	0	0	No Impact	27
MC27	-	-	-	-	-	0.321545	0.321545	0	0	27	8.681702	Averaged	0	0	No Impact	27
MC28	-	-	-	-	-	0.303717	0.303717	0	0	27	8.200359	Averaged	0	0	No Impact	27
MC29	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	1.516351	1.516351	0	0	28	42.457818	Calculated	0	0	No Impact	28
MC30	-	-	-	-	-	1.025138	1.025138	0	0	28	28.703865	Averaged	0	0	No Impact	28
MC31	-	-	-	-	-	2.541509	2.541509	0	0	28	71.162241	Averaged	0	0	No Impact	28
MC33	-	-	-	-	-	6.55506	6.55506	0	0	26	170.431561	Averaged	0	0	No Impact	26
MC35	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	1.755853	1.755853	0	0	30	52.675589	Calculated	0	0	No Impact	30
MC36	-	-	-	-	-	2.039542	2.039542	0	0	28	57.107163	Averaged	0	0	No Impact	28
MC37	-	-	-	-	-	3.776846	3.776846	0	0	29	109.528542	Averaged	0	0	No Impact	29
MC38	-	-	-	-	-	2.364719	2.364719	0	0	27	63.847415	Averaged	0	0	No Impact	27
MC39	-	-	-	-	-	1.101743	1.101743	0	0	27	29.747061	Averaged	0	0	No Impact	27
MC40	-	-	-	-	-	0.434517	0.434517	0	0	26	11.297453	Averaged	0	0	No Impact	26
MC41	-	-	-	-	-	1.900877	1.900877	0	0	26	49.422794	Averaged	0	0	No Impact	26
MC42	-	-	-	-	-	1.351719	1.351719	0	0	29	39.199843	Averaged	0	0	No Impact	29
MC43	-	-	-	-	-	1.540472	1.540472	0	0	30	46.214165	Averaged	0	0	No Impact	30
MC45	-	-	-	-	-	5.644424	5.644424	0	0	27	152.399459	Averaged	0	0	No Impact	27
MC46	-	-	-	-	-	0.744884	0.744884	0	0	27	20.111878	Averaged	0	0	No Impact	27
MC47	-	-	-	-	-	0.303035	0.303035	0	0	27	8.181936	Averaged	0	0	No Impact	27
MC48	-	-	-	-	-	2.387125	2.387125	0	0	27	64.452373	Averaged	0	0	No Impact	27
MC49	-	-	-	-	-	7.329302	7.329302	0	0	29	212.549768	Averaged	0	0	No Impact	29
MC50	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	2.220732	2.220732	0	0	28	62.180487	Calculated	0	0	No Impact	28
MC53	-	-	-	-	-	0.392447	0.392447	0	0	29	11.380956	Averaged	0	0	No Impact	29
MC55	-	-	-	-	-	0.079601	0.079601	0	0	29	2.308421	Averaged	0	0	No Impact	29
MC56	-	-	-	-	-	0.186742	0.186742	0	0	29	5.415521	Averaged	0	0	No Impact	29
MC57	-	-	-	-	-	0.787869	0.787869	0	0	26	20.484594	Averaged	0	0	No Impact	26
MC58	-	-	-	-	-	0.504089	0.504089	0	0	29	14.618573	Averaged	0	0	No Impact	29
MC60	-	-	-	-	-	0.713098	0.713098	0	0	29	20.679828	Averaged	0	0	No Impact	29
MC62	-	-	-	-	-	0.283677	0.283677	0	0	29	8.226628	Averaged	0	0	No Impact	29
MC63	-	-	-	-	-	0.288117	0.288117	0	0	29	8.355388	Averaged	0	0	No Impact	29
MC64	-	-	-	-	-	1.132513	1.132513	0	0	26	29.445345	Averaged	0	0	No Impact	26

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
MC214	4.621449	0	0	0	0	0	0	0	0	0	0	-125.0451952	53.11391155
MC216	9.839855	0	0	0	0	0	0	0	0	0	0	-125.0525739	53.11470339
MC218	12.785417	0	0	0	0	0	0	0	0	0	0	-125.0543978	53.11596702
MC219	4.335329	0	0	0	0	0	0	0	0	0	0	-125.0668187	53.1133696
MC22	18.361096	0	0	0	0	0	0	0	0	0	0	-125.0894557	53.11193418
MC221	60.41719	0	0	0	0	0	0	0	0	0	0	-125.0743388	53.11149694
MC222	9.421483	0	0	0	0	0	0	0	0	0	0	-125.0597749	53.11057316
MC223	0.812052	0	0	0	0	0	0	0	0	0	0	-125.0493778	53.11417983
MC224	0.413375	0	0	0	0	0	0	0	0	0	0	-125.0490889	53.11435809
MC225	9.191117	0	0	0	0	0	0	0	0	0	0	-125.0532176	53.11326604
MC226	8.570497	0	0	0	0	0	0	0	0	0	0	-125.0508775	53.11375639
MC227	0.49061	0	0	0	0	0	0	0	0	0	0	-125.0566615	53.11256656
MC228	2.447437	0	0	0	0	0	0	0	0	0	0	-125.0569267	53.11270484
MC23	43.090482	0	0	0	0	0	0	0	0	0	0	-125.0911623	53.11100611
MC233	8.580932	0	0	0	0	0	0	0	0	0	0	-125.065933	53.10912427
MC234	2.964629	0	0	0	0	0	0	0	0	0	0	-125.0726339	53.11023863
MC235	10.140966	0	0	0	0	0	0	0	0	0	0	-125.0601647	53.11362628
MC237	30.067529	0	0	0	0	0	0	0	0	0	0	-125.0760574	53.11291395
MC239	6.641758	0	0	0	0	0	0	0	0	0	0	-125.0572372	53.1147446
MC240	37.226843	0	0	0	0	0	0	0	0	0	0	-125.0791142	53.11173014
MC241	23.153614	0	0	0	0	0	0	0	0	0	0	-125.0835028	53.11211674
MC242	33.827776	0	0	0	0	0	0	0	0	0	0	-125.0876018	53.11197783
MC243	4.424986	0	0	0	0	0	0	0	0	0	0	-125.0928962	53.10713018
MC244	4.317204	0	0	0	0	0	0	0	0	0	0	-125.0562262	53.10925004
MC25	169.702009	0	0	0	0	0	0	0	0	0	0	-125.0996353	53.10951236
MC26	14.507577	0	0	0	0	0	0	0	0	0	0	-125.0971355	53.11098263
MC27	8.681702	0	0	0	0	0	0	0	0	0	0	-125.1000497	53.10983693
MC28	8.200359	0	0	0	0	0	0	0	0	0	0	-125.1019498	53.10809692
MC29	42.457818	0	0	0	0	0	0	0	0	0	0	-125.0999781	53.10902798
MC30	28.703865	0	0	0	0	0	0	0	0	0	0	-125.0947207	53.10805758
MC31	71.162241	0	0	0	0	0	0	0	0	0	0	-125.0969366	53.10873732
MC33	170.431561	0	0	0	0	0	0	0	0	0	0	-125.0983771	53.10738773
MC35	52.675589	0	0	0	0	0	0	0	0	0	0	-125.0950696	53.10911399
MC36	57.107163	0	0	0	0	0	0	0	0	0	0	-125.0955738	53.10746359
MC37	109.528542	0	0	0	0	0	0	0	0	0	0	-125.0925431	53.10816972
MC38	63.847415	0	0	0	0	0	0	0	0	0	0	-125.0858463	53.10643987
MC39	29.747061	0	0	0	0	0	0	0	0	0	0	-125.0968683	53.10399544
MC40	11.297453	0	0	0	0	0	0	0	0	0	0	-125.0898986	53.10644497
MC41	49.422794	0	0	0	0	0	0	0	0	0	0	-125.0960166	53.10515354
MC42	39.199843	0	0	0	0	0	0	0	0	0	0	-125.0926257	53.10541453
MC43	46.214165	0	0	0	0	0	0	0	0	0	0	-125.0915374	53.10887919
MC45	152.399459	0	0	0	0	0	0	0	0	0	0	-125.083288	53.11390071
MC46	20.111878	0	0	0	0	0	0	0	0	0	0	-125.0857418	53.11223063
MC47	8.181936	0	0	0	0	0	0	0	0	0	0	-125.0828505	53.11290622
MC48	64.452373	0	0	0	0	0	0	0	0	0	0	-125.0849577	53.1124216
MC49	212.549768	0	0	0	0	0	0	0	0	0	0	-125.0887875	53.10945062
MC50	62.180487	0	0	0	0	0	0	0	0	0	0	-125.0946825	53.11005089
MC53	11.380956	0	0	0	0	0	0	0	0	0	0	-125.0905733	53.10735817
MC55	2.308421	0	0	0	0	0	0	0	0	0	0	-125.0888834	53.10709485
MC56	5.415521	0	0	0	0	0	0	0	0	0	0	-125.0897079	53.10643365
MC57	20.484594	0	0	0	0	0	0	0	0	0	0	-125.0883371	53.10645394
MC58	14.618573	0	0	0	0	0	0	0	0	0	0	-125.0888879	53.10617766
MC60	20.679828	0	0	0	0	0	0	0	0	0	0	-125.096791	53.10500346
MC62	8.226628	0	0	0	0	0	0	0	0	0	0	-125.1022276	53.1046502
MC63	8.355388	0	0	0	0	0	0	0	0	0	0	-125.1012911	53.1043029
MC64	29.445345	0	0	0	0	0	0	0	0	0	0	-125.1015883	53.10419092

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
MC66	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC67	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC68	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC69	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC70	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC71	Fen	Wf	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC73	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC74	Fen	Wf01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC75	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC76	Fen	Wf	Matthews Creek	-	-	-	full	MC22	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)
MC78	Swamp	Ws	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC79	Marsh	Wm	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC80	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC81	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC82	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC83	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC84	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC85	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC86	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC87	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC88	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC89	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC90	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC91	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC92	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC93	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC94	Swamp	Ws04	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC95	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC96	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC97	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC98	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
MC99	Marsh	Wm01	Matthews Creek	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-001A	Swamp	Ws04	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-001B	Swamp	Ws04	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-002	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-003A	Swamp	Ws04	Transmission Line	TL	TL	TL tower	full	WT-22-003	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-003B	Swamp	Ws04	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-004	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-005	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-006	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-007	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-008A	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-008B	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-008C	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-009	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-010	Bog	Wb01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-011	Fen	Wf08	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-012A	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-012B	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-012C	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-014	Swamp	Ws07	Outside Y23 Footprint	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-015	Swamp	Ws04	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-017	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-018	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-021	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-023	Fen	Wf01	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
MC66	-	-	-	-	-	1.087091	1.087091	0	0	28	30.438556	Averaged	0	0	No Impact	28
MC67	-	-	-	-	-	0.086076	0.086076	0	0	29	2.496208	Averaged	0	0	No Impact	29
MC68	-	-	-	-	-	0.167601	0.167601	0	0	29	4.860443	Averaged	0	0	No Impact	29
MC69	-	-	-	-	-	1.522154	1.522154	0	0	28	42.6203	Averaged	0	0	No Impact	28
MC70	-	-	-	-	-	0.199947	0.199947	0	0	29	5.798464	Averaged	0	0	No Impact	29
MC71	-	-	-	-	-	4.818004	4.818004	0	0	28	134.904099	Averaged	0	0	No Impact	28
MC73	-	-	-	-	-	0.04236	0.04236	0	0	26	1.101367	Averaged	0	0	No Impact	26
MC74	-	-	-	-	-	0.062518	0.062518	0	0	28	1.750506	Averaged	0	0	No Impact	28
MC75	-	-	-	-	-	0.061752	0.061752	0	0	26	1.605551	Averaged	0	0	No Impact	26
MC76	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	3.972564	3.972564	0	0	27	107.259222	Calculated	0	0	No Impact	27
MC78	-	-	-	-	-	0.042084	0.042084	0	0	26	1.094176	Averaged	0	0	No Impact	26
MC79	-	-	-	-	-	1.770047	1.770047	0	0	29	51.331361	Averaged	0	0	No Impact	29
MC80	-	-	-	-	-	0.457864	0.457864	0	0	29	13.278057	Averaged	0	0	No Impact	29
MC81	-	-	-	-	-	0.760346	0.760346	0	0	26	19.769	Averaged	0	0	No Impact	26
MC82	-	-	-	-	-	1.666082	1.666082	0	0	26	43.318142	Averaged	0	0	No Impact	26
MC83	-	-	-	-	-	0.058456	0.058456	0	0	29	1.695233	Averaged	0	0	No Impact	29
MC84	-	-	-	-	-	0.027229	0.027229	0	0	29	0.789649	Averaged	0	0	No Impact	29
MC85	-	-	-	-	-	0.087926	0.087926	0	0	26	2.286089	Averaged	0	0	No Impact	26
MC86	-	-	-	-	-	0.288213	0.288213	0	0	29	8.358176	Averaged	0	0	No Impact	29
MC87	-	-	-	-	-	0.011942	0.011942	0	0	29	0.346307	Averaged	0	0	No Impact	29
MC88	-	-	-	-	-	0.074889	0.074889	0	0	26	1.947104	Averaged	0	0	No Impact	26
MC89	-	-	-	-	-	0.158317	0.158317	0	0	26	4.116241	Averaged	0	0	No Impact	26
MC90	-	-	-	-	-	0.023866	0.023866	0	0	29	0.692128	Averaged	0	0	No Impact	29
MC91	-	-	-	-	-	0.707312	0.707312	0	0	26	18.390123	Averaged	0	0	No Impact	26
MC92	-	-	-	-	-	3.227981	3.227981	0	0	26	83.927513	Averaged	0	0	No Impact	26
MC93	-	-	-	-	-	0.013311	0.013311	0	0	26	0.346086	Averaged	0	0	No Impact	26
MC94	-	-	-	-	-	0.036477	0.036477	0	0	26	0.948411	Averaged	0	0	No Impact	26
MC95	-	-	-	-	-	0.072773	0.072773	0	0	29	2.110419	Averaged	0	0	No Impact	29
MC96	-	-	-	-	-	0.201101	0.201101	0	0	29	5.83193	Averaged	0	0	No Impact	29
MC97	-	-	-	-	-	0.165748	0.165748	0	0	29	4.806689	Averaged	0	0	No Impact	29
MC98	-	-	-	-	-	0.012015	0.012015	0	0	29	0.348432	Averaged	0	0	No Impact	29
MC99	-	-	-	-	-	0.115846	0.115846	0	0	29	3.359529	Averaged	0	0	No Impact	29
WT-22-001A	-	-	-	-	-	4.197939	4.197939	0	0	26	109.146408	Averaged	0	0	No Impact	26
WT-22-001B	-	-	-	-	-	2.011715	2.011715	0	0	26	52.304578	Averaged	0	0	No Impact	26
WT-22-002	-	-	-	-	-	7.887725	7.887725	0	0	28	220.856302	Averaged	0	0	No Impact	28
WT-22-003A	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	8.680915	8.636712	0.509207	0.044204	26	225.703802	Calculated	0	12.355216	Low Impact	26
WT-22-003B	-	-	-	-	-	4.563651	4.563651	0	0	26	118.654915	Averaged	0	0	No Impact	26
WT-22-004	-	-	-	-	-	2.660003	2.660003	0	0	26	69.160071	Averaged	0	6.044015	No Impact	26
WT-22-005	-	-	-	-	-	1.046004	1.046004	0	0	28	29.288113	Averaged	0	12.355216	No Impact	28
WT-22-006	-	-	-	-	-	2.212897	2.212897	0	0	26	57.535323	Averaged	0	12.355216	No Impact	26
WT-22-007	-	-	-	-	-	2.494924	2.494924	0	0	26	64.868027	Averaged	0	0.258528	No Impact	26
WT-22-008A	-	-	-	-	-	1.915882	1.800086	6.044015	0.115796	26	49.812924	Averaged	0	6.044015	Low Impact	26
WT-22-008B	-	-	-	-	-	0.06306	0.06306	0	0	26	1.639547	Averaged	0	0.258528	No Impact	26
WT-22-008C	-	-	-	-	-	0.041515	0.041515	0	0	26	1.079383	Averaged	0	6.044015	No Impact	26
WT-22-009	-	-	-	-	-	2.166711	2.166711	0	0	28	60.667922	Averaged	0	0	No Impact	28
WT-22-010	-	-	-	-	-	2.220721	2.220721	0	0	27	59.959476	Averaged	0	0	No Impact	27
WT-22-011	-	-	-	-	-	5.835766	5.835766	0	0	28	163.401448	Averaged	0	12.355216	No Impact	28
WT-22-012A	-	-	-	-	-	0.207268	0.207268	0	0	26	5.388961	Averaged	0	5.696684	No Impact	26
WT-22-012B	-	-	-	-	-	0.595181	0.561275	5.696684	0.033906	26	15.474704	Averaged	0	5.696684	Low Impact	26
WT-22-012C	-	-	-	-	-	0.100179	0.100179	0	0	26	2.60465	Averaged	0	5.696684	No Impact	26
WT-22-014	-	-	-	-	-	3.316521	3.309665	0.206706	0.006855	26	86.229535	Averaged	0	0	Low Impact	26
WT-22-015	-	-	-	-	-	14.579284	14.541592	0.258528	0.037692	26	379.061375	Averaged	0	6.044015	Low Impact	26
WT-22-017	-	-	-	-	-	0.933876	0.888849	4.82156	0.045027	26	24.280786	Averaged	0	0	Low Impact	26
WT-22-018	-	-	-	-	-	9.272242	9.272242	0	0	26	241.078291	Averaged	0	0	No Impact	26
WT-22-021	-	-	-	-	-	1.379901	1.379901	0	0	26	35.87743	Averaged	0	0	No Impact	26
WT-22-023	-	-	-	-	-	0.178638	0.177759	0.492194	0.000879	28	5.00186	Averaged	0	0	Low Impact	28

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
MC66	30.438556	0	0	0	0	0	0	0	0	0	0	-125.0971564	53.10433807
MC67	2.496208	0	0	0	0	0	0	0	0	0	0	-125.0892828	53.10770152
MC68	4.860443	0	0	0	0	0	0	0	0	0	0	-125.0887486	53.10731983
MC69	42.6203	0	0	0	0	0	0	0	0	0	0	-125.0863802	53.111006
MC70	5.798464	0	0	0	0	0	0	0	0	0	0	-125.0854378	53.11113481
MC71	134.904099	0	0	0	0	0	0	0	0	0	0	-125.0884541	53.11017951
MC73	1.101367	0	0	0	0	0	0	0	0	0	0	-125.0775383	53.1134558
MC74	1.750506	0	0	0	0	0	0	0	0	0	0	-125.0769905	53.11378622
MC75	1.605551	0	0	0	0	0	0	0	0	0	0	-125.075758	53.11360188
MC76	107.259222	0	0	0	0	0	0	0	0	0	0	-125.0718193	53.11213899
MC78	1.094176	0	0	0	0	0	0	0	0	0	0	-125.0774309	53.11331127
MC79	51.331361	0	0	0	0	0	0	0	0	0	0	-125.077142	53.11247313
MC80	13.278057	0	0	0	0	0	0	0	0	0	0	-125.0858433	53.10856155
MC81	19.769	0	0	0	0	0	0	0	0	0	0	-125.0868963	53.10842461
MC82	43.318142	0	0	0	0	0	0	0	0	0	0	-125.0851312	53.10881658
MC83	1.695233	0	0	0	0	0	0	0	0	0	0	-125.0785617	53.10935992
MC84	0.789649	0	0	0	0	0	0	0	0	0	0	-125.0784108	53.10989853
MC85	2.286089	0	0	0	0	0	0	0	0	0	0	-125.0776307	53.10982085
MC86	8.358176	0	0	0	0	0	0	0	0	0	0	-125.0814415	53.1114306
MC87	0.346307	0	0	0	0	0	0	0	0	0	0	-125.0796121	53.11042163
MC88	1.947104	0	0	0	0	0	0	0	0	0	0	-125.078855	53.11033448
MC89	4.116241	0	0	0	0	0	0	0	0	0	0	-125.0800801	53.11074493
MC90	0.692128	0	0	0	0	0	0	0	0	0	0	-125.0836089	53.1109564
MC91	18.390123	0	0	0	0	0	0	0	0	0	0	-125.0846777	53.11036102
MC92	83.927513	0	0	0	0	0	0	0	0	0	0	-125.0828386	53.11044104
MC93	0.346086	0	0	0	0	0	0	0	0	0	0	-125.0822619	53.11145146
MC94	0.948411	0	0	0	0	0	0	0	0	0	0	-125.0813997	53.11166436
MC95	2.110419	0	0	0	0	0	0	0	0	0	0	-125.0819447	53.11153425
MC96	5.83193	0	0	0	0	0	0	0	0	0	0	-125.0807854	53.11135587
MC97	4.806689	0	0	0	0	0	0	0	0	0	0	-125.0823453	53.11101712
MC98	0.348432	0	0	0	0	0	0	0	0	0	0	-125.0798237	53.11103994
MC99	3.359529	0	0	0	0	0	0	0	0	0	0	-125.0800888	53.11115736
WT-22-001A	109.146408	0	0	0	0	0	0	0	0	0	0	-124.8227923	53.28799606
WT-22-001B	52.304578	0	0	0	0	0	0	0	0	0	0	-124.8171413	53.29019855
WT-22-002	220.856302	0	0	0	0	0	0	0	0	0	0	-124.7862519	53.30487551
WT-22-003A	224.554502	0	0	0.044204	0.509207	1.1493	0	1.1493	0.509207	0	0.509207	-124.7574178	53.31568946
WT-22-003B	118.654915	0	0	0	0	0	0	0	0	0	0	-124.7611283	53.31702791
WT-22-004	69.160071	0	0	0	0	0	0	0	0	0	0	-124.7527083	53.31610509
WT-22-005	29.288113	0	0	0	0	0	0	0	0	0	0	-124.7571144	53.31397145
WT-22-006	57.535323	0	0	0	0	0	0	0	0	0	0	-124.7577803	53.3148098
WT-22-007	64.868027	0	0	0	0	0	0	0	0	0	0	-124.7486578	53.31571637
WT-22-008A	46.802223	0	0	0.115796	6.044015	3.0107	0	3.0107	6.044015	0	6.044015	-124.7543223	53.31686692
WT-22-008B	1.639547	0	0	0	0	0	0	0	0	0	0	-124.7535614	53.318615
WT-22-008C	1.079383	0	0	0	0	0	0	0	0	0	0	-124.7524355	53.31834305
WT-22-009	60.667922	0	0	0	0	0	0	0	0	0	0	-124.7621191	53.31774806
WT-22-010	59.959476	0	0	0	0	0	0	0	0	0	0	-124.7638945	53.31863675
WT-22-011	163.401448	0	0	0	0	0	0	0	0	0	0	-124.7565423	53.31865252
WT-22-012A	5.388961	0	0	0	0	0	0	0	0	0	0	-124.7487549	53.32017777
WT-22-012B	14.593159	0	0	0.033906	5.696684	0.881545	0	0.881545	5.696684	0	5.696684	-124.7487324	53.32017169
WT-22-012C	2.60465	0	0	0	0	0	0	0	0	0	0	-124.7498176	53.31898218
WT-22-014	86.051294	0	0	0.006855	0.206706	0.178241	0	0.178241	0.206706	0	0.206706	-124.729864	53.32337138
WT-22-015	378.081395	0	0	0.037692	0.258528	0.979979	0	0.979979	0.258528	0	0.258528	-124.7509418	53.32228928
WT-22-017	23.110074	0	0	0.045027	4.82156	1.170713	0	1.170713	4.82156	0	4.82156	-124.7170898	53.32215057
WT-22-018	241.078291	0	0	0	0	0	0	0	0	0	0	-124.6827549	53.32424446
WT-22-021	35.87743	0	0	0	0	0	0	0	0	0	0	-124.6822582	53.33129812
WT-22-023	4.977241	0	0	0.000879	0.492194	0.024619	0	0.024619	0.492194	0	0.492194	-124.6490691	53.34487608

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-024	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-025A	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-025B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-026	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-027	Fen	Wf01	Transmission Line	TL	TL	TL tower	full	WT-22-027	Moderate (2)	Low (1)	High (3)	Low (1)	High (3)	Moderate (2)	High (3)
WT-22-028A	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-028B	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-028C	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-029	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-030	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-031	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-033	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-035	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-036	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-037A	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-037B	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-037C	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-039	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-040	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-042A	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-042B	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-043	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-044	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-045	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-051	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-052B	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-057	Fen	Wf02	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-064	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-065	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-066	Swamp	Ws07	Outside Y23 Footprint	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-067	Bog	Wb01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-069	Swamp	Ws07	Outside Y23 Footprint	TL	TL	TL tower	full	WT-22-069	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-070	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-071	Bog	Wb01	Outside Y23 Footprint	-	-	-	full	WT-22-071	Low (1)	Low (1)	Low (1)	Low (1)	High (3)	Low (1)	High (3)
WT-22-072	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-073	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-076	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-079	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-080	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-081	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-082	Swamp	Ws07	Outside Y23 Footprint	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-083	Fen	Wf01	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-087	Bog	Wb05	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-090	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-092	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-093	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-095	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-098	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-099	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-100	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-101	Swamp	Ws07	Outside Y23 Footprint	-	-	-	full	WT-22-101	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-102	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-103	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-106	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-108	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-109	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-024	-	-	-	-	-	0.314808	0.314808	0	0	28	8.814632	Averaged	0	4.619067	No Impact	28
WT-22-025A	-	-	-	-	-	1.952091	1.952091	0	0	30	58.56272	Averaged	0	0	No Impact	30
WT-22-025B	-	-	-	-	-	0.076765	0.076765	0	0	30	2.302937	Averaged	0	0	No Impact	30
WT-22-026	-	-	-	-	-	2.077151	2.077151	0	0	27	56.083077	Averaged	0	0	No Impact	27
WT-22-027	High (3)	High (3)	Low (1)	At Risk (3)	Low (1)	0.421813	0.402329	4.619067	0.019484	26	10.967145	Calculated	0	4.619067	Low Impact	26
WT-22-028A	-	-	-	-	-	5.081965	5.081965	0	0	28	142.295009	Averaged	0	0	No Impact	28
WT-22-028B	-	-	-	-	-	0.822815	0.822815	0	0	28	23.038828	Averaged	0	0	No Impact	28
WT-22-028C	-	-	-	-	-	0.360928	0.360928	0	0	28	10.105997	Averaged	0	0	No Impact	28
WT-22-029	-	-	-	-	-	1.249176	1.249176	0	0	27	33.727756	Averaged	0	0	No Impact	27
WT-22-030	-	-	-	-	-	2.218818	2.218818	0	0	26	57.68926	Averaged	0	0	No Impact	26
WT-22-031	-	-	-	-	-	2.674392	2.674392	0	0	26	69.534183	Averaged	0	0	No Impact	26
WT-22-033	-	-	-	-	-	1.989873	1.989873	0	0	26	51.736686	Averaged	0	0	No Impact	26
WT-22-035	-	-	-	-	-	1.05519	1.05519	0	0	27	28.490138	Averaged	0	0	No Impact	27
WT-22-036	-	-	-	-	-	0.508312	0.508312	0	0	26	13.216111	Averaged	0	0	No Impact	26
WT-22-037A	-	-	-	-	-	2.868193	2.868193	0	0	26	74.573021	Averaged	0	0	No Impact	26
WT-22-037B	-	-	-	-	-	0.180562	0.180562	0	0	26	4.694611	Averaged	0	0	No Impact	26
WT-22-037C	-	-	-	-	-	0.454884	0.454884	0	0	26	11.826982	Averaged	0	0	No Impact	26
WT-22-039	-	-	-	-	-	0.287716	0.246062	14.477456	0.041654	26	7.480624	Averaged	0	0	Moderate Impact	26
WT-22-040	-	-	-	-	-	0.542535	0.542535	0	0	26	14.105902	Averaged	0	0	No Impact	26
WT-22-042A	-	-	-	-	-	5.688719	5.688719	0	0	26	147.906688	Averaged	0	0	No Impact	26
WT-22-042B	-	-	-	-	-	0.58071	0.58071	0	0	26	15.098467	Averaged	0	0	No Impact	26
WT-22-043	-	-	-	-	-	0.264826	0.264826	0	0	26	6.885468	Averaged	0	0	No Impact	26
WT-22-044	-	-	-	-	-	2.761581	2.761581	0	0	26	71.801118	Averaged	0	0	No Impact	26
WT-22-045	-	-	-	-	-	5.108539	5.108539	0	0	27	137.930566	Averaged	0	0	No Impact	27
WT-22-051	-	-	-	-	-	1.019263	1.019263	0	0	26	26.500836	Averaged	0	11.302328	No Impact	26
WT-22-052B	-	-	-	-	-	0.396002	0.396002	0	0	26	10.296056	Averaged	0	0	No Impact	26
WT-22-057	-	-	-	-	-	2.06442	2.04798	0.796378	0.016441	28	57.803763	Averaged	0	11.332322	Low Impact	28
WT-22-064	-	-	-	-	-	4.03425	4.03425	0	0	26	104.890501	Averaged	0	0	No Impact	26
WT-22-065	-	-	-	-	-	0.464507	0.464507	0	0	26	12.077185	Averaged	0	0	No Impact	26
WT-22-066	-	-	-	-	-	0.436578	0.436576	0.000289	0.000001	26	11.351016	Averaged	0	0.008399	Low Impact	26
WT-22-067	-	-	-	-	-	2.487637	2.487637	0	0	27	67.166193	Averaged	0	0	No Impact	27
WT-22-069	Low (1)	High (3)	Low (1)	Not Functioning (1)	Low (1)	1.250057	1.249952	0.008399	0.000105	22	27.501244	Calculated	0	0.008399	Low Impact	22
WT-22-070	-	-	-	-	-	0.474423	0.474423	0	0	26	12.334995	Averaged	0	0	No Impact	26
WT-22-071	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	0.796748	0.796748	0	0	30	23.902431	Calculated	0	0	No Impact	30
WT-22-072	-	-	-	-	-	0.804239	0.802236	0.249106	0.002003	26	20.910219	Averaged	0	0	Low Impact	26
WT-22-073	-	-	-	-	-	0.444431	0.444431	0	0	26	11.555212	Averaged	0	0	No Impact	26
WT-22-076	-	-	-	-	-	1.014252	1.014252	0	0	26	26.370561	Averaged	0	0	No Impact	26
WT-22-079	-	-	-	-	-	0.706474	0.706474	0	0	26	18.36833	Averaged	0	0	No Impact	26
WT-22-080	-	-	-	-	-	1.238869	1.238869	0	0	29	35.927191	Averaged	0	0	No Impact	29
WT-22-081	-	-	-	-	-	0.666119	0.666119	0	0	28	18.651345	Averaged	0	0	No Impact	28
WT-22-082	-	-	-	-	-	0.100461	0.090812	9.604734	0.009649	26	2.611999	Averaged	0	0	Low Impact	26
WT-22-083	-	-	-	-	-	0.724183	0.724183	0	0	28	20.277138	Averaged	0	0	No Impact	28
WT-22-087	-	-	-	-	-	2.194675	2.194675	0	0	27	59.256219	Averaged	0	0	No Impact	27
WT-22-090	-	-	-	-	-	0.379992	0.379992	0	0	26	9.879784	Averaged	0	0	No Impact	26
WT-22-092	-	-	-	-	-	4.561621	4.532391	0.640798	0.029231	26	118.602153	Averaged	0	0	Low Impact	26
WT-22-093	-	-	-	-	-	1.331035	1.331035	0	0	28	37.268979	Averaged	0	0	No Impact	28
WT-22-095	-	-	-	-	-	0.216099	0.216099	0	0	30	6.482964	Averaged	0	0	No Impact	30
WT-22-098	-	-	-	-	-	0.274499	0.274499	0	0	28	7.685975	Averaged	0	0	No Impact	28
WT-22-099	-	-	-	-	-	0.072975	0.072975	0	0	28	2.043286	Averaged	0	0	No Impact	28
WT-22-100	-	-	-	-	-	1.139386	1.139386	0	0	26	29.624041	Averaged	0	0	No Impact	26
WT-22-101	Low (1)	High (3)	High (3)	Not Functioning (1)	Low (1)	1.229437	1.229437	0	0	24	29.506497	Calculated	0	0	No Impact	24
WT-22-102	-	-	-	-	-	2.000384	2.000384	0	0	26	52.009997	Averaged	0	0	No Impact	26
WT-22-103	-	-	-	-	-	1.270865	1.270865	0	0	28	35.584226	Averaged	0	0	No Impact	28
WT-22-106	-	-	-	-	-	1.797931	1.797931	0	0	26	46.746202	Averaged	0	0	No Impact	26
WT-22-108	-	-	-	-	-	5.20816	5.20816	0	0	26	135.41216	Averaged	0	0	No Impact	26
WT-22-109	-	-	-	-	-	1.885816	1.885816	0	0	26	49.031213	Averaged	0	0	No Impact	26

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-024	8.814632	0	0	0	0	0	0	0	0	0	0	-124.6540917	53.3559532
WT-22-025A	58.56272	0	0	0	0	0	0	0	0	0	0	-124.6513905	53.35559824
WT-22-025B	2.302937	0	0	0	0	0	0	0	0	0	0	-124.6525984	53.35510618
WT-22-026	56.083077	0	0	0	0	0	0	0	0	0	0	-124.6581812	53.35535453
WT-22-027	10.460565	0	0	0.019484	4.619067	0.50658	0	0.50658	4.619067	0	4.619067	-124.6544984	53.35694602
WT-22-028A	142.295009	0	0	0	0	0	0	0	0	0	0	-124.6506573	53.35588993
WT-22-028B	23.038828	0	0	0	0	0	0	0	0	0	0	-124.6469315	53.35736612
WT-22-028C	10.105997	0	0	0	0	0	0	0	0	0	0	-124.647476	53.35635815
WT-22-029	33.727756	0	0	0	0	0	0	0	0	0	0	-124.6510936	53.35718277
WT-22-030	57.68926	0	0	0	0	0	0	0	0	0	0	-124.6502533	53.35808938
WT-22-031	69.534183	0	0	0	0	0	0	0	0	0	0	-124.6427037	53.36724702
WT-22-033	51.736686	0	0	0	0	0	0	0	0	0	0	-124.5661924	53.42127531
WT-22-035	28.490138	0	0	0	0	0	0	0	0	0	0	-124.5667512	53.42738931
WT-22-036	13.216111	0	0	0	0	0	0	0	0	0	0	-124.562401	53.43059149
WT-22-037A	74.573021	0	0	0	0	0	0	0	0	0	0	-124.5592783	53.43431106
WT-22-037B	4.694611	0	0	0	0	0	0	0	0	0	0	-124.5574107	53.43382741
WT-22-037C	11.826982	0	0	0	0	0	0	0	0	0	0	-124.5628796	53.43391522
WT-22-039	6.39762	0	0	0.041654	14.477456	1.083004	0	1.083004	14.477456	0	14.477456	-124.5477201	53.43615449
WT-22-040	14.105902	0	0	0	0	0	0	0	0	0	0	-124.5446967	53.43635252
WT-22-042A	147.906688	0	0	0	0	0	0	0	0	0	0	-124.53533	53.44430734
WT-22-042B	15.098467	0	0	0	0	0	0	0	0	0	0	-124.5317718	53.4419664
WT-22-043	6.885468	0	0	0	0	0	0	0	0	0	0	-124.5271629	53.4527813
WT-22-044	71.801118	0	0	0	0	0	0	0	0	0	0	-124.5331709	53.4612339
WT-22-045	137.930566	0	0	0	0	0	0	0	0	0	0	-124.5352618	53.47114498
WT-22-051	26.500836	0	0	0	0	0	0	0	0	0	0	-124.5905268	53.53258417
WT-22-052B	10.296056	0	0	0	0	0	0	0	0	0	0	-124.5919219	53.53426374
WT-22-057	57.343427	0	0	0.016441	0.796378	0.460336	0	0.460336	0.796378	0	0.796378	-124.570976	53.55629805
WT-22-064	104.890501	0	0	0	0	0	0	0	0	0	0	-124.7017912	53.59118235
WT-22-065	12.077185	0	0	0	0	0	0	0	0	0	0	-124.7023086	53.59433399
WT-22-066	11.350983	0	0	0.000001	0.000289	0.000033	0	0.000033	0.000289	0	0.000289	-124.7157283	53.59450118
WT-22-067	67.166193	0	0	0	0	0	0	0	0	0	0	-124.6994565	53.59439293
WT-22-069	27.498934	0	0	0.000105	0.008399	0.00231	0	0.00231	0.008399	0	0.008399	-124.7163448	53.5958451
WT-22-070	12.334995	0	0	0	0	0	0	0	0	0	0	-124.7193437	53.59686442
WT-22-071	23.902431	0	0	0	0	0	0	0	0	0	0	-124.7120839	53.59454407
WT-22-072	20.85813	0	0	0.002003	0.249106	0.052089	0	0.052089	0.249106	0	0.249106	-124.7334781	53.61739461
WT-22-073	11.555212	0	0	0	0	0	0	0	0	0	0	-124.7346165	53.61825759
WT-22-076	26.370561	0	0	0	0	0	0	0	0	0	0	-124.7448116	53.62477439
WT-22-079	18.36833	0	0	0	0	0	0	0	0	0	0	-124.7508996	53.63107163
WT-22-080	35.927191	0	0	0	0	0	0	0	0	0	0	-124.7489874	53.63178139
WT-22-081	18.651345	0	0	0	0	0	0	0	0	0	0	-124.7578586	53.63306526
WT-22-082	2.361123	0	0	0.009649	9.604734	0.250876	0	0.250876	9.604734	0	9.604734	-124.7595433	53.63378277
WT-22-083	20.277138	0	0	0	0	0	0	0	0	0	0	-124.7611556	53.63457785
WT-22-087	59.256219	0	0	0	0	0	0	0	0	0	0	-124.7869051	53.63843457
WT-22-090	9.879784	0	0	0	0	0	0	0	0	0	0	-124.7990269	53.65399943
WT-22-092	117.842153	0	0	0.029231	0.640798	0.76	0	0.76	0.640798	0	0.640798	-124.7997948	53.66572076
WT-22-093	37.268979	0	0	0	0	0	0	0	0	0	0	-124.8012216	53.66982716
WT-22-095	6.482964	0	0	0	0	0	0	0	0	0	0	-124.8292233	53.69893449
WT-22-098	7.685975	0	0	0	0	0	0	0	0	0	0	-124.8379065	53.71392624
WT-22-099	2.043286	0	0	0	0	0	0	0	0	0	0	-124.8374277	53.71511791
WT-22-100	29.624041	0	0	0	0	0	0	0	0	0	0	-124.8387787	53.71746076
WT-22-101	29.506497	0	0	0	0	0	0	0	0	0	0	-124.8398874	53.71886223
WT-22-102	52.009997	0	0	0	0	0	0	0	0	0	0	-124.8424585	53.72663754
WT-22-103	35.584226	0	0	0	0	0	0	0	0	0	0	-124.841697	53.73297111
WT-22-106	46.746202	0	0	0	0	0	0	0	0	0	0	-124.8469043	53.75186201
WT-22-108	135.41216	0	0	0	0	0	0	0	0	0	0	-124.848678	53.76521027
WT-22-109	49.031213	0	0	0	0	0	0	0	0	0	0	-124.8538501	53.77305698

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-110	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-111	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-112	Fen	Wf02	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-113	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-114	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-117	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-119	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-121	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-128	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-129	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-130A	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-130B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-135	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-136A	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-136B	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-138	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-141	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-148	Swamp	Ws08	Outside Y23 Footprint	-	-	-	full	WT-22-148	Moderate (2)	Low (1)	High (3)	Low (1)	Low (1)	High (3)	High (3)
WT-22-151	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-154	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-155	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-157	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-160	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-161	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-163	Swamp	Ws04	Transmission Line	-	-	-	full	WT-22-163	Moderate (2)	Low (1)	High (3)	Low (1)	Low (1)	High (3)	High (3)
WT-22-167	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-168	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-176	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-177	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-178	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-179	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-189	Swamp	Ws07	Airstrip Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-190	Bog	Wb08	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-192	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-193	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-195	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-196	Swamp	Ws07	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-197	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-198	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-200	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-201	Swamp	Ws08	Mine Site	Mine Site	ADMIN	OpsCamp	-	-	-	-	-	-	-	-	-
WT-22-202A	Swamp	Ws07	Mine Access Road	-	-	-	full (partial)	-	-	-	-	-	-	-	-
WT-22-202B	Swamp	Ws08	Mine Site	Mine Site	LI	25KV	full	WT-22-467	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-203A	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-203B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-204	Bog	Wb08	Transmission Line	TL	TL	TL tower	full	WT-22-204	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-205A	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-205B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-206	Swamp	Ws07	Mine Access Road	Mine Site	POND	FWR	full	WT-22-194	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-208	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-209	Bog	Wb08	Mine Site	-	-	-	full	WT-22-209	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-211	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-212A	Marsh	Wm01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-212B	Marsh	Wm01	Mine Site	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-213	Swamp	Ws07	Mine Site	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-214	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-110	-	-	-	-	-	2.499913	2.499913	0	0	26	64.997737	Averaged	0	0	No Impact	26
WT-22-111	-	-	-	-	-	0.130983	0.130983	0	0	28	3.667533	Averaged	0	0	No Impact	28
WT-22-112	-	-	-	-	-	1.245465	1.245465	0	0	28	34.873033	Averaged	0	0	No Impact	28
WT-22-113	-	-	-	-	-	1.36227	1.36227	0	0	26	35.419015	Averaged	0	0	No Impact	26
WT-22-114	-	-	-	-	-	3.572313	3.572313	0	0	27	96.45245	Averaged	0	0	No Impact	27
WT-22-117	-	-	-	-	-	1.024694	1.024694	0	0	26	26.642047	Averaged	0	0	No Impact	26
WT-22-119	-	-	-	-	-	0.374591	0.374591	0	0	26	9.739356	Averaged	0	0	No Impact	26
WT-22-121	-	-	-	-	-	1.23167	1.23167	0	0	26	32.023417	Averaged	0	0	No Impact	26
WT-22-128	-	-	-	-	-	2.419527	2.419527	0	0	29	70.166287	Averaged	0	0	No Impact	29
WT-22-129	-	-	-	-	-	1.52503	1.52503	0	0	26	39.650785	Averaged	0	0	No Impact	26
WT-22-130A	-	-	-	-	-	0.039411	0.039411	0	0	30	1.182334	Averaged	0	0	No Impact	30
WT-22-130B	-	-	-	-	-	0.038685	0.038685	0	0	30	1.160544	Averaged	0	0	No Impact	30
WT-22-135	-	-	-	-	-	1.103662	1.103662	0	0	27	29.798876	Averaged	0	0	No Impact	27
WT-22-136A	-	-	-	-	-	1.362311	1.362311	0	0	26	35.420092	Averaged	0	0	No Impact	26
WT-22-136B	-	-	-	-	-	0.565432	0.565432	0	0	26	14.701238	Averaged	0	0	No Impact	26
WT-22-138	-	-	-	-	-	3.057253	3.057253	0	0	26	79.488577	Averaged	0	0	No Impact	26
WT-22-141	-	-	-	-	-	5.038714	5.038714	0	0	26	131.006566	Averaged	0	0	No Impact	26
WT-22-148	Low (1)	High (3)	Low (1)	High Risk (2)	Low (1)	1.535423	1.535423	0	0	22	33.779316	Calculated	0	0	No Impact	22
WT-22-151	-	-	-	-	-	4.953141	4.953141	0	0	27	133.734811	Averaged	0	0	No Impact	27
WT-22-154	-	-	-	-	-	1.246748	1.246748	0	0	26	32.415436	Averaged	0	0	No Impact	26
WT-22-155	-	-	-	-	-	0.100149	0.100149	0	0	26	2.603872	Averaged	0	0	No Impact	26
WT-22-157	-	-	-	-	-	6.22081	6.22081	0	0	27	167.961858	Averaged	0	0	No Impact	27
WT-22-160	-	-	-	-	-	0.503459	0.503459	0	0	26	13.089945	Averaged	0	0	No Impact	26
WT-22-161	-	-	-	-	-	3.100625	3.100625	0	0	26	80.616251	Averaged	0	0	No Impact	26
WT-22-163	Low (1)	High (3)	Low (1)	High Risk (2)	Low (1)	0.250478	0.250478	0	0	22	5.510514	Calculated	0	0	No Impact	22
WT-22-167	-	-	-	-	-	3.121374	3.121374	0	0	26	81.155729	Averaged	0	0	No Impact	26
WT-22-168	-	-	-	-	-	0.33573	0.33573	0	0	26	8.728993	Averaged	0	0	No Impact	26
WT-22-176	-	-	-	-	-	2.235411	2.235411	0	0	26	58.120682	Averaged	0	0	No Impact	26
WT-22-177	-	-	-	-	-	0.708123	0.708123	0	0	29	20.535557	Averaged	0	0	No Impact	29
WT-22-178	-	-	-	-	-	0.867138	0.867138	0	0	28	24.279866	Averaged	0	0	No Impact	28
WT-22-179	-	-	-	-	-	0.473217	0.473217	0	0	26	12.303637	Averaged	0	0	No Impact	26
WT-22-189	-	-	-	-	-	2.41673	2.41673	0	0	26	62.83497	Averaged	0	0	No Impact	26
WT-22-190	-	-	-	-	-	2.426849	2.40818	0.769274	0.018669	27	65.524919	Averaged	0	10.232392	Low Impact	27
WT-22-192	-	-	-	-	-	4.530932	4.400037	2.888903	0.130894	26	117.804222	Averaged	0	5.55958	Low Impact	26
WT-22-193	-	-	-	-	-	2.312709	2.312709	0	0	27	62.443154	Averaged	0	0	No Impact	27
WT-22-195	-	-	-	-	-	2.726282	2.726282	0	0	27	73.609618	Averaged	0	0	No Impact	27
WT-22-196	-	-	-	-	-	10.141634	10.141634	0	0	26	263.682478	Averaged	0	8.092578	No Impact	26
WT-22-197	-	-	-	-	-	0.948582	0.948582	0	0	26	24.66313	Averaged	0	0	No Impact	26
WT-22-198	-	-	-	-	-	1.667311	1.667311	0	0	28	46.684718	Averaged	0	0	No Impact	28
WT-22-200	-	-	-	-	-	4.298859	4.298859	0	0	26	111.770322	Averaged	0	8.092578	No Impact	26
WT-22-201	-	-	-	-	-	1.761327	0.900385	48.880284	0.860942	26	45.794507	Averaged	1	48.880284	Moderate Impact	26
WT-22-202A	-	-	-	-	-	12.256663	12.256663	0	0	26	318.673242	Averaged	0	20.822492	No Impact	26
WT-22-202B	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	3.508159	2.777673	20.822492	0.730486	29	101.736614	Calculated	1	20.822492	Moderate Impact	29
WT-22-203A	-	-	-	-	-	0.087757	0.087757	0	0	28	2.457197	Averaged	0	0	No Impact	28
WT-22-203B	-	-	-	-	-	0.007735	0.007735	0	0	30	0.232052	Averaged	0	0	No Impact	30
WT-22-204	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	2.053454	2.024348	1.417405	0.029106	29	59.550172	Calculated	0	1.417405	Low Impact	29
WT-22-205A	-	-	-	-	-	0.268357	0.268357	0	0	28	7.513997	Averaged	0	1.417405	No Impact	28
WT-22-205B	-	-	-	-	-	0.057581	0.057581	0	0	30	1.727444	Averaged	0	1.417405	No Impact	30
WT-22-206	Low (1)	High (3)	High (3)	At Risk (3)	High (3)	21.390568	20.201342	5.55958	1.189226	26	556.154761	Calculated	0	100	Moderate Impact	26
WT-22-208	-	-	-	-	-	0.568767	0.568767	0	0	28	15.925464	Averaged	0	0	No Impact	28
WT-22-209	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.141566	0.141566	0	0	27	3.822292	Calculated	1	20.822492	Moderate Impact	27
WT-22-211	-	-	-	-	-	0.181577	0.181577	0	0	29	5.26572	Averaged	0	0	No Impact	29
WT-22-212A	-	-	-	-	-	0.508944	0.508944	0	0	29	14.759365	Averaged	0	8.092578	No Impact	29
WT-22-212B	-	-	-	-	-	0.482924	0.464997	3.712195	0.017927	29	14.004802	Averaged	0	8.092578	Low Impact	29
WT-22-213	-	-	-	-	-	1.755595	1.613522	8.092578	0.142073	26	45.645477	Averaged	0	8.092578	Low Impact	26
WT-22-214	-	-	-	-	-	0.293119	0.293119	0	0	27	7.914224	Averaged	0	0	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-110	64.997737	0	0	0	0	0	0	0	0	0	0	-124.8579551	53.78463803
WT-22-111	3.667533	0	0	0	0	0	0	0	0	0	0	-124.857947	53.78838677
WT-22-112	34.873033	0	0	0	0	0	0	0	0	0	0	-124.8556248	53.7882982
WT-22-113	35.419015	0	0	0	0	0	0	0	0	0	0	-124.8505856	53.79036947
WT-22-114	96.45245	0	0	0	0	0	0	0	0	0	0	-124.8521219	53.8019274
WT-22-117	26.642047	0	0	0	0	0	0	0	0	0	0	-124.8425375	53.8092715
WT-22-119	9.739356	0	0	0	0	0	0	0	0	0	0	-124.8444444	53.83096774
WT-22-121	32.023417	0	0	0	0	0	0	0	0	0	0	-124.8435632	53.84221425
WT-22-128	70.166287	0	0	0	0	0	0	0	0	0	0	-124.8089711	53.89488089
WT-22-129	39.650785	0	0	0	0	0	0	0	0	0	0	-124.8021314	53.89786294
WT-22-130A	1.182334	0	0	0	0	0	0	0	0	0	0	-124.8310725	53.95560066
WT-22-130B	1.160544	0	0	0	0	0	0	0	0	0	0	-124.8289379	53.95627409
WT-22-135	29.798876	0	0	0	0	0	0	0	0	0	0	-124.9064506	53.9965587
WT-22-136A	35.420092	0	0	0	0	0	0	0	0	0	0	-124.9024042	53.99392505
WT-22-136B	14.701238	0	0	0	0	0	0	0	0	0	0	-124.9051703	53.99504562
WT-22-138	79.488577	0	0	0	0	0	0	0	0	0	0	-124.9414922	54.00767551
WT-22-141	131.006566	0	0	0	0	0	0	0	0	0	0	-124.9564324	54.01149356
WT-22-148	33.779316	0	0	0	0	0	0	0	0	0	0	-124.8119551	53.90865418
WT-22-151	133.734811	0	0	0	0	0	0	0	0	0	0	-124.7046599	53.59626927
WT-22-154	32.415436	0	0	0	0	0	0	0	0	0	0	-124.79742	53.6689964
WT-22-155	2.603872	0	0	0	0	0	0	0	0	0	0	-124.741906	53.62418121
WT-22-157	167.961858	0	0	0	0	0	0	0	0	0	0	-124.5269525	53.43933044
WT-22-160	13.089945	0	0	0	0	0	0	0	0	0	0	-124.8421352	53.74608635
WT-22-161	80.616251	0	0	0	0	0	0	0	0	0	0	-124.848496	53.83661053
WT-22-163	5.510514	0	0	0	0	0	0	0	0	0	0	-124.8614889	53.96809322
WT-22-167	81.155729	0	0	0	0	0	0	0	0	0	0	-124.8971812	53.99193705
WT-22-168	8.728993	0	0	0	0	0	0	0	0	0	0	-124.8537309	53.77078907
WT-22-176	58.120682	0	0	0	0	0	0	0	0	0	0	-124.7563274	53.31245193
WT-22-177	20.535557	0	0	0	0	0	0	0	0	0	0	-124.7508653	53.31392269
WT-22-178	24.279866	0	0	0	0	0	0	0	0	0	0	-124.7549006	53.3127404
WT-22-179	12.303637	0	0	0	0	0	0	0	0	0	0	-124.6825372	53.3277462
WT-22-189	62.83497	0	0	0	0	0	0	0	0	0	0	-124.8236616	53.28290373
WT-22-190	65.020853	0	0	0.018669	0.769274	0.504066	0	0.504066	0.769274	0	0.769274	-124.8112609	53.25089269
WT-22-192	114.400972	0	0	0.130894	2.888903	3.40325	0	3.40325	2.888903	0	2.888903	-124.8098972	53.24252552
WT-22-193	62.443154	0	0	0	0	0	0	0	0	0	0	-124.8105922	53.23115107
WT-22-195	73.609618	0	0	0	0	0	0	0	0	0	0	-124.8207095	53.21031127
WT-22-196	263.682478	0	0	0	0	0	0	0	0	0	0	-124.8115898	53.21029845
WT-22-197	24.66313	0	0	0	0	0	0	0	0	0	0	-124.8079082	53.22234138
WT-22-198	46.684718	0	0	0	0	0	0	0	0	0	0	-124.8083102	53.22018658
WT-22-200	111.770322	0	0	0	0	0	0	0	0	0	0	-124.8234981	53.20222911
WT-22-201	23.410022	0	0	0.860942	48.880284	22.384485	0	22.384485	48.880284	0	48.880284	-124.8159336	53.19587451
WT-22-202A	318.673242	0	0	0	0	0	0	0	0	0	0	-124.8157542	53.20304502
WT-22-202B	80.552516	0	0	0.730486	20.822492	21.184098	0	21.184098	20.822492	0	20.822492	-124.82165	53.19582498
WT-22-203A	2.457197	0	0	0	0	0	0	0	0	0	0	-124.8210337	53.20106205
WT-22-203B	0.232052	0	0	0	0	0	0	0	0	0	0	-124.8207676	53.2012466
WT-22-204	58.706105	0	0	0.029106	1.417405	0.844067	0	0.844067	1.417405	0	1.417405	-124.8107325	53.24096941
WT-22-205A	7.513997	0	0	0	0	0	0	0	0	0	0	-124.8129187	53.24141043
WT-22-205B	1.727444	0	0	0	0	0	0	0	0	0	0	-124.8128309	53.24154288
WT-22-206	525.234894	0	0	1.189226	5.55958	30.919866	0	30.919866	5.55958	0	5.55958	-124.8124585	53.23753484
WT-22-208	15.925464	0	0	0	0	0	0	0	0	0	0	-124.8118767	53.22105074
WT-22-209	3.822292	0	0	0	0	0	0	0	0	0	0	-124.820339	53.19730217
WT-22-211	5.26572	0	0	0	0	0	0	0	0	0	0	-124.8236123	53.20251367
WT-22-212A	14.759365	0	0	0	0	0	0	0	0	0	0	-124.8208807	53.20402362
WT-22-212B	13.484917	0	0	0.017927	3.712195	0.519886	0	0.519886	3.712195	0	3.712195	-124.8194494	53.20537715
WT-22-213	41.951581	0	0	0.142073	8.092578	3.693896	0	3.693896	8.092578	0	8.092578	-124.8197427	53.20468247
WT-22-214	7.914224	0	0	0	0	0	0	0	0	0	0	-124.8178007	53.20772631

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-215A	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-215B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-216	Fen	Wf02	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-217	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-218	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-219	Swamp	Ws07	Mine Site	Mine Site	POND	FWR	-	-	-	-	-	-	-	-	-
WT-22-220	Swamp	Ws04	Mine Site	Mine Site	POND	FWR	full	WT-22-220	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-221	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-222	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-223	Bog	Wb08	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-224	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-225	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-226	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-227	Swamp	Ws04	Mine Access Road	-	-	-	full	WT-22-227A	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-228	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-229	Bog	Wb08	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-231	Bog	Wb08	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-234	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-235	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-236	Swamp	Ws07	Transmission Line	TL	TL	TL tower	full (partial)	-	-	-	-	-	-	-	-
WT-22-240	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-241	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-243	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-244	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-245	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-250	Bog	Wb05	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-255	Bog	Wb01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-257	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-260	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-261	Fen	Wf01	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-262	Fen	Wf01	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-263	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-268	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-270	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-271	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-276	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-280	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-285	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-287	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-290	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-297	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-299	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-300	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-311	Swamp	Ws07	Outside Y23 Footprint	-	-	-	full	WT-22-311	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-315	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-318	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-319	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-324	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-325	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-326	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-327	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-328A	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-328B	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-328C	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-328D	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-328E	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-215A	-	-	-	-	-	0.046828	0.046828	0	0	28	1.311187	Averaged	0	0	No Impact	28
WT-22-215B	-	-	-	-	-	0.008236	0.008236	0	0	30	0.247072	Averaged	0	0	No Impact	30
WT-22-216	-	-	-	-	-	0.43882	0.43882	0	0	28	12.286948	Averaged	0	0	No Impact	28
WT-22-217	-	-	-	-	-	0.812282	0.812282	0	0	27	21.931618	Averaged	0	0	No Impact	27
WT-22-218	-	-	-	-	-	0.054963	0.054963	0	0	30	1.648904	Averaged	0	0	No Impact	30
WT-22-219	-	-	-	-	-	7.10441	5.290598	25.530793	1.813812	26	184.714662	Averaged	0	100	Moderate Impact	26
WT-22-220	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.628718	0	100	0.628718	25	15.717945	Calculated	1	100	High Impact	0
WT-22-221	-	-	-	-	-	0.042154	0.042154	0	0	30	1.264613	Averaged	0	0	No Impact	30
WT-22-222	-	-	-	-	-	5.876558	5.876558	0	0	26	152.7905	Averaged	0	0	No Impact	26
WT-22-223	-	-	-	-	-	1.441367	1.441367	0	0	27	38.916898	Averaged	0	0	No Impact	27
WT-22-224	-	-	-	-	-	0.370326	0.370326	0	0	26	9.628469	Averaged	0	0	No Impact	26
WT-22-225	-	-	-	-	-	0.048014	0.048014	0	0	30	1.440434	Averaged	0	0	No Impact	30
WT-22-226	-	-	-	-	-	0.328051	0.328051	0	0	29	9.513477	Averaged	0	0	No Impact	29
WT-22-227	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	0.276343	0.276343	0	0	27	7.461249	Calculated	0	0	No Impact	27
WT-22-228	-	-	-	-	-	0.106278	0.106278	0	0	28	2.975793	Averaged	0	10.232392	No Impact	28
WT-22-229	-	-	-	-	-	0.15047	0.135074	10.232392	0.015397	27	4.062699	Averaged	0	10.232392	Moderate Impact	27
WT-22-231	-	-	-	-	-	0.338574	0.338574	0	0	27	9.141502	Averaged	0	0	No Impact	27
WT-22-234	-	-	-	-	-	1.394686	1.394686	0	0	27	37.656532	Averaged	0	0	No Impact	27
WT-22-235	-	-	-	-	-	0.550903	0.550903	0	0	28	15.425281	Averaged	0	0	No Impact	28
WT-22-236	-	-	-	-	-	1.295	1.135	12.355216	0.16	26	33.66999	Averaged	0	12.355216	Moderate Impact	26
WT-22-240	-	-	-	-	-	0.600494	0.600494	0	0	27	16.213326	Averaged	0	0	No Impact	27
WT-22-241	-	-	-	-	-	0.406215	0.406215	0	0	26	10.56158	Averaged	0	0	No Impact	26
WT-22-243	-	-	-	-	-	0.593759	0.593759	0	0	28	16.625252	Averaged	0	0	No Impact	28
WT-22-244	-	-	-	-	-	0.881653	0.881653	0	0	26	22.922968	Averaged	0	0	No Impact	26
WT-22-245	-	-	-	-	-	1.771278	1.771278	0	0	28	49.595791	Averaged	0	0	No Impact	28
WT-22-250	-	-	-	-	-	1.249392	1.107807	11.332322	0.141585	27	33.733576	Averaged	0	11.332322	Moderate Impact	27
WT-22-255	-	-	-	-	-	0.356767	0.356767	0	0	27	9.632715	Averaged	0	0.008399	No Impact	27
WT-22-257	-	-	-	-	-	0.210793	0.210793	0	0	29	6.112998	Averaged	0	0	No Impact	29
WT-22-260	-	-	-	-	-	0.094222	0.094222	0	0	28	2.638229	Averaged	0	0	No Impact	28
WT-22-261	-	-	-	-	-	0.044381	0.044381	0	0	28	1.242658	Averaged	0	0	No Impact	28
WT-22-262	-	-	-	-	-	0.037925	0.037925	0	0	28	1.061912	Averaged	0	0	No Impact	28
WT-22-263	-	-	-	-	-	0.060062	0.060062	0	0	28	1.681744	Averaged	0	0	No Impact	28
WT-22-268	-	-	-	-	-	0.966335	0.947187	1.981579	0.019149	26	25.124723	Averaged	0	0	Low Impact	26
WT-22-270	-	-	-	-	-	0.084694	0.084694	0	0	28	2.371421	Averaged	0	0	No Impact	28
WT-22-271	-	-	-	-	-	0.036498	0.036498	0	0	28	1.021958	Averaged	0	0	No Impact	28
WT-22-276	-	-	-	-	-	0.332942	0.332942	0	0	29	9.655316	Averaged	0	0	No Impact	29
WT-22-280	-	-	-	-	-	0.21252	0.21252	0	0	29	6.163068	Averaged	0	0	No Impact	29
WT-22-285	-	-	-	-	-	1.581747	1.581747	0	0	26	41.125417	Averaged	0	0	No Impact	26
WT-22-287	-	-	-	-	-	1.259093	1.259093	0	0	26	32.736427	Averaged	0	0	No Impact	26
WT-22-290	-	-	-	-	-	0.224288	0.224288	0	0	29	6.504365	Averaged	0	0	No Impact	29
WT-22-297	-	-	-	-	-	2.5428	2.490145	2.070771	0.052656	26	66.112809	Averaged	0	0	Low Impact	26
WT-22-299	-	-	-	-	-	1.038886	1.038886	0	0	30	31.16657	Averaged	0	0	No Impact	30
WT-22-300	-	-	-	-	-	1.568456	1.568456	0	0	30	47.053688	Averaged	0	0	No Impact	30
WT-22-311	Low (1)	High (3)	High (3)	Not Functioning (1)	Low (1)	0.928471	0.928471	0	0	22	20.426365	Calculated	0	0	No Impact	22
WT-22-315	-	-	-	-	-	0.887416	0.887416	0	0	26	23.072817	Averaged	0	0	No Impact	26
WT-22-318	-	-	-	-	-	0.2596	0.2596	0	0	30	7.787991	Averaged	0	0	No Impact	30
WT-22-319	-	-	-	-	-	0.441655	0.441655	0	0	26	11.483018	Averaged	0	0	No Impact	26
WT-22-324	-	-	-	-	-	0.153324	0.153324	0	0	29	4.446385	Averaged	0	0	No Impact	29
WT-22-325	-	-	-	-	-	0.039041	0.039041	0	0	30	1.171229	Averaged	0	0	No Impact	30
WT-22-326	-	-	-	-	-	0.062374	0.062374	0	0	30	1.871205	Averaged	0	0	No Impact	30
WT-22-327	-	-	-	-	-	3.309993	3.309993	0	0	26	86.059808	Averaged	1	0	Moderate Impact	26
WT-22-328A	-	-	-	-	-	0.201687	0.201687	0	0	27	5.445552	Averaged	0	0	No Impact	27
WT-22-328B	-	-	-	-	-	0.121144	0.121144	0	0	28	3.392036	Averaged	0	0	No Impact	28
WT-22-328C	-	-	-	-	-	0.171129	0.171129	0	0	27	4.620471	Averaged	0	0	No Impact	27
WT-22-328D	-	-	-	-	-	0.641173	0.641173	0	0	26	16.670492	Averaged	0	0	No Impact	26
WT-22-328E	-	-	-	-	-	0.09419	0.09419	0	0	26	2.44894	Averaged	0	0	No Impact	26

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-215A	1.311187	0	0	0	0	0	0	0	0	0	0	-124.8179432	53.20871456
WT-22-215B	0.247072	0	0	0	0	0	0	0	0	0	0	-124.8180523	53.20874894
WT-22-216	12.286948	0	0	0	0	0	0	0	0	0	0	-124.8205763	53.21002241
WT-22-217	21.931618	0	0	0	0	0	0	0	0	0	0	-124.8072667	53.22151075
WT-22-218	1.648904	0	0	0	0	0	0	0	0	0	0	-124.8121674	53.22151002
WT-22-219	137.555545	0	0	1.813812	25.530793	47.159118	0	47.159118	25.530793	0	25.530793	-124.8379303	53.22201968
WT-22-220	0	0	0	0.628718	100	15.717945	0	15.717945	100	0	100	-124.8280729	53.22697826
WT-22-221	1.264613	0	0	0	0	0	0	0	0	0	0	-124.823792	53.22521072
WT-22-222	152.7905	0	0	0	0	0	0	0	0	0	0	-124.820541	53.22584883
WT-22-223	38.916898	0	0	0	0	0	0	0	0	0	0	-124.8121683	53.23071188
WT-22-224	9.628469	0	0	0	0	0	0	0	0	0	0	-124.8124654	53.23188746
WT-22-225	1.440434	0	0	0	0	0	0	0	0	0	0	-124.8102655	53.22976025
WT-22-226	9.513477	0	0	0	0	0	0	0	0	0	0	-124.8115782	53.2370828
WT-22-227	7.461249	0	0	0	0	0	0	0	0	0	0	-124.8139793	53.23693506
WT-22-228	2.975793	0	0	0	0	0	0	0	0	0	0	-124.8152834	53.25111078
WT-22-229	3.646988	0	0	0.015397	10.232392	0.415711	0	0.415711	10.232392	0	10.232392	-124.8148659	53.25185351
WT-22-231	9.141502	0	0	0	0	0	0	0	0	0	0	-124.8132844	53.2414735
WT-22-234	37.656532	0	0	0	0	0	0	0	0	0	0	-124.763454	53.3197647
WT-22-235	15.425281	0	0	0	0	0	0	0	0	0	0	-124.7620422	53.31660524
WT-22-236	29.50999	0	0	0.16	12.355216	4.16	0	4.16	12.355216	0	12.355216	-124.757963	53.31572
WT-22-240	16.213326	0	0	0	0	0	0	0	0	0	0	-124.6511687	53.35751193
WT-22-241	10.56158	0	0	0	0	0	0	0	0	0	0	-124.6485608	53.36283853
WT-22-243	16.625252	0	0	0	0	0	0	0	0	0	0	-124.5650959	53.42738435
WT-22-244	22.922968	0	0	0	0	0	0	0	0	0	0	-124.5465157	53.43737644
WT-22-245	49.595791	0	0	0	0	0	0	0	0	0	0	-124.5258476	53.43867872
WT-22-250	29.910779	0	0	0.141585	11.332322	3.822797	0	3.822797	11.332322	0	11.332322	-124.5708999	53.55737742
WT-22-255	9.632715	0	0	0	0	0	0	0	0	0	0	-124.7131879	53.59470254
WT-22-257	6.112998	0	0	0	0	0	0	0	0	0	0	-124.7193526	53.59692786
WT-22-260	2.638229	0	0	0	0	0	0	0	0	0	0	-124.7601126	53.6338233
WT-22-261	1.242658	0	0	0	0	0	0	0	0	0	0	-124.7623233	53.6342241
WT-22-262	1.061912	0	0	0	0	0	0	0	0	0	0	-124.7716151	53.63444147
WT-22-263	1.681744	0	0	0	0	0	0	0	0	0	0	-124.7712613	53.6341568
WT-22-268	24.626857	0	0	0.019149	1.981579	0.497866	0	0.497866	1.981579	0	1.981579	-124.7825619	53.63440128
WT-22-270	2.371421	0	0	0	0	0	0	0	0	0	0	-124.7860255	53.63736368
WT-22-271	1.021958	0	0	0	0	0	0	0	0	0	0	-124.7869666	53.63740062
WT-22-276	9.655316	0	0	0	0	0	0	0	0	0	0	-124.7975536	53.67150004
WT-22-280	6.163068	0	0	0	0	0	0	0	0	0	0	-124.842307	53.71977657
WT-22-285	41.125417	0	0	0	0	0	0	0	0	0	0	-124.8519193	53.76969964
WT-22-287	32.736427	0	0	0	0	0	0	0	0	0	0	-124.8536588	53.78073638
WT-22-290	6.504365	0	0	0	0	0	0	0	0	0	0	-124.8444707	53.83081463
WT-22-297	64.743764	0	0	0.052656	2.070771	1.369045	0	1.369045	2.070771	0	2.070771	-124.8126686	53.93835447
WT-22-299	31.16657	0	0	0	0	0	0	0	0	0	0	-124.8223009	53.95260813
WT-22-300	47.053688	0	0	0	0	0	0	0	0	0	0	-124.817521	53.95324211
WT-22-311	20.426365	0	0	0	0	0	0	0	0	0	0	-124.9189325	54.00275287
WT-22-315	23.072817	0	0	0	0	0	0	0	0	0	0	-124.963374	54.04510825
WT-22-318	7.787991	0	0	0	0	0	0	0	0	0	0	-125.0037226	54.06753557
WT-22-319	11.483018	0	0	0	0	0	0	0	0	0	0	-125.0018229	54.06841942
WT-22-324	4.446385	0	0	0	0	0	0	0	0	0	0	-124.8215791	53.20125829
WT-22-325	1.171229	0	0	0	0	0	0	0	0	0	0	-124.8215805	53.20120881
WT-22-326	1.871205	0	0	0	0	0	0	0	0	0	0	-124.8210046	53.20099839
WT-22-327	86.059808	0	0	0	0	0	0	0	0	0	0	-124.8594212	53.18678643
WT-22-328A	5.445552	0	0	0	0	0	0	0	0	0	0	-124.9220861	53.18452377
WT-22-328B	3.392036	0	0	0	0	0	0	0	0	0	0	-124.9201086	53.18492745
WT-22-328C	4.620471	0	0	0	0	0	0	0	0	0	0	-124.9195285	53.18579028
WT-22-328D	16.670492	0	0	0	0	0	0	0	0	0	0	-124.9228897	53.18595116
WT-22-328E	2.44894	0	0	0	0	0	0	0	0	0	0	-124.9205951	53.18605478

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-328F	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-328G	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-329	Marsh	Wm01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-330	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-331	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-332	Fen	Wf08	Mine Site	-	-	-	full	WT-22-332	Moderate (2)	High (3)	High (3)	Low (1)	High (3)	Moderate (2)	High (3)
WT-22-333	Marsh	Wm00	Mine Site	-	-	-	full	WT-22-333	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	High (3)	High (3)
WT-22-334	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-335	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-336A	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-336B	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-336C	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-337	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-338A	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-338B	Swamp	Ws08	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-338C	Swamp	Ws08	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-338D	Swamp	Ws07	Mine Site	Mine Site	RD	TSFConRd	full (partial)	-	-	-	-	-	-	-	-
WT-22-338E	Bog	Wb08	Mine Site	Mine Site	O	NDC	-	-	-	-	-	-	-	-	-
WT-22-338F	Swamp	Ws08	Mine Site	Mine Site	O	NDC	-	-	-	-	-	-	-	-	-
WT-22-340	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-343	Bog	Wb05	Mine Site	Mine Site	LI	25KV	-	-	-	-	-	-	-	-	-
WT-22-345A	Swamp	Ws08	Mine Site	Mine Site	RD	HHR	-	-	-	-	-	-	-	-	-
WT-22-345B	Fen	Wf04	Mine Site	Mine Site	RD	HHR	full	WT-22-345	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
WT-22-346	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-347	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-348A	Fen	Wf13	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-348B	Fen	Wf11	Outside Y23 Footprint	-	-	-	full	WT-22-348	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
WT-22-349A	Fen	Wf02	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-349B	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-349C	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-350	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-353A	Bog	Wb08	Mine Site	Mine Site	O	NCC	-	-	-	-	-	-	-	-	-
WT-22-353B	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-353C	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-353D	Swamp	Ws08	Mine Site	Mine Site	O	NCC	-	-	-	-	-	-	-	-	-
WT-22-354	Bog	Wb08	Mine Site	Mine Site	O	CWTP	-	-	-	-	-	-	-	-	-
WT-22-355A	Swamp	Ws08	Outside Y23 Footprint	-	-	-	full	WT-22-355	Moderate (2)	High (3)	High (3)	Low (1)	Low (1)	High (3)	High (3)
WT-22-355B	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-355C	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-358A	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-358B	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-358C	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-359A	Swamp	Ws08	Mine Site	Mine Site	TSF	MDD	-	-	-	-	-	-	-	-	-
WT-22-359B	Swamp	Ws08	Mine Site	Mine Site	WD		-	-	-	-	-	-	-	-	-
WT-22-360	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-362A	Swamp	Ws08	Mine Site	Mine Site	O	NDC	-	-	-	-	-	-	-	-	-
WT-22-362B	Swamp	Ws08	Mine Site	Mine Site	PIT	BP2	-	-	-	-	-	-	-	-	-
WT-22-363	Swamp	Ws07	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-364	Swamp	Ws08	Mine Site	Mine Site	WD	MC Dump	-	-	-	-	-	-	-	-	-
WT-22-365	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-366	Fen	Wf08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-367A	Fen	Wf04	Outside Y23 Footprint	Mine Site	O	Firebreak	full	WT-22-367	Moderate (2)	High (3)	High (3)	Low (1)	Low (1)	Moderate (2)	High (3)
WT-22-367B	Bog	Wb05	Outside Y23 Footprint	Mine Site	O	Firebreak	-	-	-	-	-	-	-	-	-
WT-22-369	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-370	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-371A	Marsh	Wm01	Mine Site	Mine Site	TSF	Tailings	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-328F	-	-	-	-	-	0.127667	0.127667	0	0	26	3.319342	Averaged	0	90.307181	Moderate Impact	26
WT-22-328G	-	-	-	-	-	0.290194	0.290194	0	0	26	7.545052	Averaged	0	0	No Impact	26
WT-22-329	-	-	-	-	-	1.282559	1.282559	0	0	29	37.194225	Averaged	0	0	No Impact	29
WT-22-330	-	-	-	-	-	1.271201	1.271201	0	0	26	33.051219	Averaged	0	15.873977	No Impact	26
WT-22-331	-	-	-	-	-	3.6969	3.6969	0	0	26	96.119401	Averaged	0	0	No Impact	26
WT-22-332	High (3)	High (3)	Low (1)	Functioning (4)	High (3)	3.068869	3.068869	0	0	31	95.134927	Calculated	0	0	No Impact	31
WT-22-333	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.859811	0.859811	0	0	29	24.934516	Calculated	1	20.374408	Moderate Impact	29
WT-22-334	-	-	-	-	-	2.053087	2.053087	0	0	30	61.592615	Averaged	0	0	No Impact	30
WT-22-335	-	-	-	-	-	1.376526	1.376526	0	0	27	37.166198	Averaged	0	0	No Impact	27
WT-22-336A	-	-	-	-	-	0.237	0.237	0	0	26	6.162011	Averaged	0	0	No Impact	26
WT-22-336B	-	-	-	-	-	0.244981	0.244981	0	0	26	6.369507	Averaged	0	0	No Impact	26
WT-22-336C	-	-	-	-	-	0.234759	0.234759	0	0	26	6.10374	Averaged	0	0	No Impact	26
WT-22-337	-	-	-	-	-	0.447018	0.447018	0	0	27	12.069499	Averaged	0	0	No Impact	27
WT-22-338A	-	-	-	-	-	3.170457	3.170457	0	0	26	82.431879	Averaged	0	36.606251	No Impact	26
WT-22-338B	-	-	-	-	-	5.550183	3.518469	36.606251	2.031714	26	144.304765	Averaged	1	100	Moderate Impact	26
WT-22-338C	-	-	-	-	-	0.696906	0	100	0.696906	26	18.119564	Averaged	1	100	High Impact	0
WT-22-338D	-	-	-	-	-	1.519829	1.253283	17.537921	0.266546	26	39.515564	Averaged	0	17.537921	Moderate Impact	26
WT-22-338E	-	-	-	-	-	0.134274	0	100	0.134274	27	3.625403	Averaged	1	100	High Impact	0
WT-22-338F	-	-	-	-	-	0.09442	0	100	0.09442	26	2.45492	Averaged	1	100	High Impact	0
WT-22-340	-	-	-	-	-	1.416042	1.416042	0	0	27	38.233128	Averaged	0	0	No Impact	27
WT-22-343	-	-	-	-	-	7.216497	7.209935	0.090937	0.006562	27	194.845423	Averaged	0	48.880284	Low Impact	27
WT-22-345A	-	-	-	-	-	1.610507	1.566896	2.707909	0.043611	26	41.873179	Averaged	1	88.543159	Moderate Impact	26
WT-22-345B	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.215683	0.046879	78.264813	0.168804	28	6.039117	Calculated	1	78.264813	High Impact	0
WT-22-346	-	-	-	-	-	0.298415	0.298415	0	0	29	8.654021	Averaged	1	0	Moderate Impact	29
WT-22-347	-	-	-	-	-	0.371567	0.371567	0	0	28	10.403881	Averaged	1	0	Moderate Impact	28
WT-22-348A	-	-	-	-	-	0.182636	0.182636	0	0	28	5.113804	Averaged	1	45.939693	Moderate Impact	28
WT-22-348B	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	0.261157	0.261157	0	0	30	7.834713	Calculated	1	0	Moderate Impact	30
WT-22-349A	-	-	-	-	-	0.790751	0.790751	0	0	28	22.14103	Averaged	1	92.264851	Moderate Impact	28
WT-22-349B	-	-	-	-	-	0.166347	0.166347	0	0	27	4.491379	Averaged	1	10.706758	Moderate Impact	27
WT-22-349C	-	-	-	-	-	0.055614	0.055614	0	0	27	1.501565	Averaged	1	0	Moderate Impact	27
WT-22-350	-	-	-	-	-	0.352758	0.352758	0	0	27	9.52447	Averaged	1	0	Moderate Impact	27
WT-22-353A	-	-	-	-	-	0.137848	0.105778	23.264662	0.03207	27	3.721885	Averaged	1	80.085618	Moderate Impact	27
WT-22-353B	-	-	-	-	-	0.171963	0.171963	0	0	27	4.642995	Averaged	1	0	Moderate Impact	27
WT-22-353C	-	-	-	-	-	0.163279	0.163279	0	0	26	4.245255	Averaged	1	0	Moderate Impact	26
WT-22-353D	-	-	-	-	-	0.175658	0.034981	80.085618	0.140677	26	4.567112	Averaged	1	80.085618	High Impact	0
WT-22-354	-	-	-	-	-	0.954936	0.850432	10.943529	0.104504	27	25.783272	Averaged	0	15.873977	Moderate Impact	27
WT-22-355A	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	1.171469	1.171469	0	0	27	31.629668	Calculated	0	0.347806	No Impact	27
WT-22-355B	-	-	-	-	-	1.27825	1.27825	0	0	26	33.234507	Averaged	0	0.347806	No Impact	26
WT-22-355C	-	-	-	-	-	0.938406	0.938406	0	0	26	24.39855	Averaged	0	0	No Impact	26
WT-22-358A	-	-	-	-	-	3.569824	3.569824	0	0	26	92.815412	Averaged	0	0	No Impact	26
WT-22-358B	-	-	-	-	-	0.897144	0.897144	0	0	26	23.325739	Averaged	0	0	No Impact	26
WT-22-358C	-	-	-	-	-	1.129019	1.129019	0	0	26	29.354497	Averaged	0	0	No Impact	26
WT-22-359A	-	-	-	-	-	0.158893	0	100	0.158893	26	4.13123	Averaged	1	100	High Impact	0
WT-22-359B	-	-	-	-	-	0.548644	0	100	0.548644	26	14.264743	Averaged	1	100	High Impact	0
WT-22-360	-	-	-	-	-	0.192842	0.192842	0	0	26	5.013883	Averaged	0	0	No Impact	26
WT-22-362A	-	-	-	-	-	1.095652	0.936617	14.515121	0.159035	26	28.48695	Averaged	0	14.515121	Moderate Impact	26
WT-22-362B	-	-	-	-	-	0.718959	0.509827	29.088102	0.209131	26	18.692924	Averaged	1	29.088102	Moderate Impact	26
WT-22-363	-	-	-	-	-	2.245012	0	100	2.245012	26	58.370308	Averaged	1	100	High Impact	0
WT-22-364	-	-	-	-	-	2.180111	0	100	2.180111	26	56.68288	Averaged	1	100	High Impact	0
WT-22-365	-	-	-	-	-	0.776445	0.776445	0	0	26	20.18756	Averaged	0	0	No Impact	26
WT-22-366	-	-	-	-	-	4.729611	4.729611	0	0	28	132.42911	Averaged	0	0	No Impact	28
WT-22-367A	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.140269	0.123472	11.974511	0.016797	27	3.787261	Calculated	1	38.080843	Moderate Impact	27
WT-22-367B	-	-	-	-	-	2.397352	2.389014	0.347806	0.008338	27	64.728515	Averaged	0	38.080843	Low Impact	27
WT-22-369	-	-	-	-	-	0.719546	0.719546	0	0	27	19.427731	Averaged	0	0	No Impact	27
WT-22-370	-	-	-	-	-	0.689668	0.689668	0	0	27	18.621041	Averaged	0	0	No Impact	27
WT-22-371A	-	-	-	-	-	0.724023	0.486333	32.829144	0.237691	29	20.996681	Averaged	1	79.750703	Moderate Impact	29

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-328F	3.319342	0	0	0	0	0	0	0	0	0	0	-124.9237721	53.18400099
WT-22-328G	7.545052	0	0	0	0	0	0	0	0	0	0	-124.9202128	53.186352
WT-22-329	37.194225	0	0	0	0	0	0	0	0	0	0	-124.9083244	53.19325134
WT-22-330	33.051219	0	0	0	0	0	0	0	0	0	0	-124.899956	53.19513831
WT-22-331	96.119401	0	0	0	0	0	0	0	0	0	0	-124.8991338	53.23363106
WT-22-332	95.134927	0	0	0	0	0	0	0	0	0	0	-124.8703756	53.22299309
WT-22-333	24.934516	0	0	0	0	0	0	0	0	0	0	-124.8443806	53.21023522
WT-22-334	61.592615	0	0	0	0	0	0	0	0	0	0	-124.8497554	53.22081042
WT-22-335	37.166198	0	0	0	0	0	0	0	0	0	0	-124.838448	53.22425003
WT-22-336A	6.162011	0	0	0	0	0	0	0	0	0	0	-124.8692897	53.22114319
WT-22-336B	6.369507	0	0	0	0	0	0	0	0	0	0	-124.8631672	53.22072491
WT-22-336C	6.10374	0	0	0	0	0	0	0	0	0	0	-124.8660785	53.22046884
WT-22-337	12.069499	0	0	0	0	0	0	0	0	0	0	-124.9181553	53.19786568
WT-22-338A	82.431879	0	0	0	0	0	0	0	0	0	0	-124.8972206	53.21621311
WT-22-338B	91.480201	0	0	2.031714	36.606251	52.824565	0	52.824565	36.606251	0	36.606251	-124.8763041	53.21668289
WT-22-338C	0	0	0	0.696906	100	18.119564	0	18.119564	100	0	100	-124.8763769	53.21597349
WT-22-338D	32.585356	0	0	0.266546	17.537921	6.930208	0	6.930208	17.537921	0	17.537921	-124.8627442	53.21695587
WT-22-338E	0	0	0	0.134274	100	3.625403	0	3.625403	100	0	100	-124.8758124	53.21365567
WT-22-338F	0	0	0	0.09442	100	2.45492	0	2.45492	100	0	100	-124.8761167	53.21326437
WT-22-340	38.233128	0	0	0	0	0	0	0	0	0	0	-124.8915665	53.20524709
WT-22-343	194.668236	0	0	0.006562	0.090937	0.177187	0	0.177187	0.090937	0	0.090937	-124.8217301	53.193481
WT-22-345A	40.739291	0	0	0.043611	2.707909	1.133888	0	1.133888	2.707909	0	2.707909	-124.8620281	53.17949597
WT-22-345B	0	0.046879	21.735163	0.215683	99.999976	4.726504	1.312613	6.039117	78.264813	21.735187	100	-124.8652269	53.17936248
WT-22-346	8.654021	0	0	0	0	0	0	0	0	0	0	-124.8880137	53.18120496
WT-22-347	10.403881	0	0	0	0	0	0	0	0	0	0	-124.8874959	53.18253248
WT-22-348A	5.113804	0	0	0	0	0	0	0	0	0	0	-124.8862702	53.18318964
WT-22-348B	7.834713	0	0	0	0	0	0	0	0	0	0	-124.8860576	53.18334937
WT-22-349A	22.14103	0	0	0	0	0	0	0	0	0	0	-124.8679455	53.20288685
WT-22-349B	4.491379	0	0	0	0	0	0	0	0	0	0	-124.8678073	53.2031849
WT-22-349C	1.501565	0	0	0	0	0	0	0	0	0	0	-124.8684553	53.20283925
WT-22-350	9.52447	0	0	0	0	0	0	0	0	0	0	-124.8699524	53.20087389
WT-22-353A	2.856001	0	0	0.03207	23.264662	0.865884	0	0.865884	23.264662	0	23.264662	-124.8954679	53.19800707
WT-22-353B	4.642995	0	0	0	0	0	0	0	0	0	0	-124.8933418	53.19794556
WT-22-353C	4.245255	0	0	0	0	0	0	0	0	0	0	-124.8920236	53.19838113
WT-22-353D	0	0.034981	19.914247	0.175658	99.999866	3.6576	0.909512	4.567112	80.085618	19.914382	100	-124.8962781	53.19797608
WT-22-354	22.961672	0	0	0.104504	10.943529	2.8216	0	2.8216	10.943529	0	10.943529	-124.8995864	53.1968391
WT-22-355A	31.629668	0	0	0	0	0	0	0	0	0	0	-124.8492807	53.18020033
WT-22-355B	33.234507	0	0	0	0	0	0	0	0	0	0	-124.8494454	53.17913253
WT-22-355C	24.39855	0	0	0	0	0	0	0	0	0	0	-124.8457309	53.17903715
WT-22-358A	92.815412	0	0	0	0	0	0	0	0	0	0	-124.857732	53.22050367
WT-22-358B	23.325739	0	0	0	0	0	0	0	0	0	0	-124.8532497	53.21981349
WT-22-358C	29.354497	0	0	0	0	0	0	0	0	0	0	-124.8520439	53.22009089
WT-22-359A	0	0	0	0.158893	100	4.13123	0	4.13123	100	0	100	-124.8440143	53.20818872
WT-22-359B	0	0	0	0.548644	100	14.264743	0	14.264743	100	0	100	-124.8504098	53.20346901
WT-22-360	5.013883	0	0	0	0	0	0	0	0	0	0	-124.8314167	53.19649487
WT-22-362A	24.352034	0	0	0.159035	14.515121	4.134915	0	4.134915	14.515121	0	14.515121	-124.8831565	53.20710505
WT-22-362B	13.255507	0	0	0.209131	29.088102	5.437417	0	5.437417	29.088102	0	29.088102	-124.8784295	53.20665645
WT-22-363	0	0	0	2.245012	100	58.370308	0	58.370308	100	0	100	-124.8558521	53.21136871
WT-22-364	0	0	0	2.180111	100	56.68288	0	56.68288	100	0	100	-124.8559131	53.2034685
WT-22-365	20.18756	0	0	0	0	0	0	0	0	0	0	-124.8765381	53.22429654
WT-22-366	132.42911	0	0	0	0	0	0	0	0	0	0	-124.8939477	53.23294297
WT-22-367A	3.333755	0	0	0.016797	11.974511	0.453506	0	0.453506	11.974511	0	11.974511	-124.8545558	53.18007765
WT-22-367B	64.503385	0	0	0.008338	0.347806	0.22513	0	0.22513	0.347806	0	0.347806	-124.8525024	53.1797509
WT-22-369	19.427731	0	0	0	0	0	0	0	0	0	0	-124.9213131	53.19846341
WT-22-370	18.621041	0	0	0	0	0	0	0	0	0	0	-124.9173363	53.19573486
WT-22-371A	14.10365	0	0	0.237691	32.829144	6.893031	0	6.893031	32.829144	0	32.829144	-124.887329	53.19808444

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-371B	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-372	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-373	Bog	Wb10	Mine Site	-	-	-	full	WT-22-373	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-374	Bog	Wb10	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-375	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-376	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-377	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-378A	Fen	Wf13	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-378B	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-379	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-380	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-381	Fen	Wf02	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-382	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-383	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-384	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-385	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-386	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-387	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-388	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-389	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-390A	Bog	Wb10	Outside Y23 Footprint	-	-	-	full	WT-22-390A	Low (1)	Low (1)	Low (1)	Low (1)	High (3)	Low (1)	High (3)
WT-22-390B	Bog	Wb08	Outside Y23 Footprint	Mine Site	SP	TS2	-	-	-	-	-	-	-	-	-
WT-22-391	Fen	Wf11	Mine Site	-	-	-	full	WT-22-391	Moderate (2)	High (3)	High (3)	Low (1)	High (3)	Moderate (2)	High (3)
WT-22-392	Bog	Wb08	Mine Site	Mine Site	POND	LGO	-	-	-	-	-	-	-	-	-
WT-22-395	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-397A	Marsh	Wm01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-397B	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-398A	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-398B	Bog	Wb05	Mine Site	-	-	-	full (partial)	-	-	-	-	-	-	-	-
WT-22-399A	Marsh	Wm01	Mine Site	Mine Site	RD	HHR	-	-	-	-	-	-	-	-	-
WT-22-399B	Fen	Wf06	Mine Site	Mine Site	WD	-	full (partial)	-	-	-	-	-	-	-	-
WT-22-399C	Fen	Wf06	Mine Site	Mine Site	RD	HHR	-	-	-	-	-	-	-	-	-
WT-22-400	Fen	Wf03	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-401	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-402A	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-402B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-404	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-405	Fen	Wf03	Mine Site	-	-	-	full	WT-22-405	Moderate (2)	High (3)	High (3)	Low (1)	High (3)	Low (1)	High (3)
WT-22-406	Bog	Wb08	Mine Site	Mine Site	LI	RecCrdr	-	-	-	-	-	-	-	-	-
WT-22-408	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-412	Bog	Wb08	Outside Y23 Footprint	Mine Site	O	Firebreak	-	-	-	-	-	-	-	-	-
WT-22-413	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-414	Swamp	Ws07	Mine Site	Mine Site	TSF	Tailings	-	-	-	-	-	-	-	-	-
WT-22-415	Bog	Wb05	Outside Y23 Footprint	Mine Site	POND	FWR	-	-	-	-	-	-	-	-	-
WT-22-416	Swamp	Ws07	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-417	Swamp	Ws04	Mine Site	Mine Site	TSF	MDC	full	WT-22-417	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-418	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-419	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-420	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-421	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-422	SOW	Ww	Outside Y23 Footprint	Mine Site	SP	TS4B	-	-	-	-	-	-	-	-	-
WT-22-423	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-424	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-425A	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-425B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-427	Bog	Wb10	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-371B	-	-	-	-	-	0.621171	0.621171	0	0	26	16.150446	Averaged	1	79.750703	Moderate Impact	26
WT-22-372	-	-	-	-	-	0.352806	0.352806	0	0	27	9.525753	Averaged	0	0	No Impact	27
WT-22-373	Low (1)	High (3)	High (3)	Functioning (4)	Low (1)	0.358093	0.358093	0	0	26	9.310412	Calculated	1	29.088102	Moderate Impact	26
WT-22-374	-	-	-	-	-	0.156236	0.156236	0	0	27	4.218376	Averaged	0	0	No Impact	27
WT-22-375	-	-	-	-	-	0.152408	0.152408	0	0	30	4.57225	Averaged	0	0	No Impact	30
WT-22-376	-	-	-	-	-	1.046539	1.046539	0	0	26	27.210015	Averaged	0	0	No Impact	26
WT-22-377	-	-	-	-	-	1.80981	1.80981	0	0	27	48.864857	Averaged	0	0	No Impact	27
WT-22-378A	-	-	-	-	-	1.607623	1.607623	0	0	28	45.013443	Averaged	0	0	No Impact	28
WT-22-378B	-	-	-	-	-	0.796916	0.796916	0	0	27	21.516744	Averaged	0	0	No Impact	27
WT-22-379	-	-	-	-	-	0.350777	0.350777	0	0	27	9.470974	Averaged	0	0	No Impact	27
WT-22-380	-	-	-	-	-	1.174771	1.174771	0	0	27	31.718804	Averaged	0	0	No Impact	27
WT-22-381	-	-	-	-	-	1.356708	1.356708	0	0	28	37.987822	Averaged	0	0	No Impact	28
WT-22-382	-	-	-	-	-	0.486286	0.486286	0	0	27	13.129726	Averaged	0	0	No Impact	27
WT-22-383	-	-	-	-	-	0.437094	0.437094	0	0	27	11.80154	Averaged	0	0	No Impact	27
WT-22-384	-	-	-	-	-	0.746469	0.746469	0	0	27	20.154664	Averaged	0	0	No Impact	27
WT-22-385	-	-	-	-	-	0.198219	0.198219	0	0	30	5.946566	Averaged	0	0	No Impact	30
WT-22-386	-	-	-	-	-	0.355182	0.355182	0	0	30	10.655463	Averaged	0	0	No Impact	30
WT-22-387	-	-	-	-	-	0.953629	0.953629	0	0	27	25.747982	Averaged	0	0	No Impact	27
WT-22-388	-	-	-	-	-	0.413842	0.413842	0	0	27	11.173732	Averaged	0	0	No Impact	27
WT-22-389	-	-	-	-	-	0.150263	0.150263	0	0	27	4.057113	Averaged	0	0	No Impact	27
WT-22-390A	Low (1)	High (3)	High (3)	Functioning (4)	Low (1)	0.289083	0.289083	0	0	28	8.094334	Calculated	1	11.869936	Moderate Impact	28
WT-22-390B	-	-	-	-	-	1.790278	1.577773	11.869936	0.212505	27	48.337502	Averaged	1	79.566642	Moderate Impact	27
WT-22-391	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	0.377215	0.377215	0	0	31	11.693653	Calculated	0	1.269596	No Impact	31
WT-22-392	-	-	-	-	-	3.058361	1.653359	45.939693	1.405002	27	82.575739	Averaged	1	100	Moderate Impact	27
WT-22-395	-	-	-	-	-	0.026637	0.026637	0	0	30	0.799105	Averaged	1	0	Moderate Impact	30
WT-22-397A	-	-	-	-	-	0.46595	0.46595	0	0	29	13.512559	Averaged	0	12.701404	No Impact	29
WT-22-397B	-	-	-	-	-	0.093083	0.093083	0	0	27	2.513248	Averaged	0	12.701404	No Impact	27
WT-22-398A	-	-	-	-	-	0.623765	0.623765	0	0	27	16.841651	Averaged	0	0	No Impact	27
WT-22-398B	-	-	-	-	-	0.100527	0.100527	0	0	27	2.714228	Averaged	0	0	No Impact	27
WT-22-399A	-	-	-	-	-	0.215938	0	100	0.215938	29	6.262189	Averaged	1	100	High Impact	0
WT-22-399B	-	-	-	-	-	0.045815	0	100	0.045815	28	1.282813	Averaged	1	100	High Impact	0
WT-22-399C	-	-	-	-	-	0.074941	0	100	0.074941	28	2.098336	Averaged	1	100	High Impact	0
WT-22-400	-	-	-	-	-	0.048753	0.048753	0	0	28	1.365091	Averaged	0	0	No Impact	28
WT-22-401	-	-	-	-	-	0.093824	0.093824	0	0	29	2.720882	Averaged	0	0	No Impact	29
WT-22-402A	-	-	-	-	-	0.094649	0.094649	0	0	27	2.555536	Averaged	0	0	No Impact	27
WT-22-402B	-	-	-	-	-	0.041105	0.041105	0	0	30	1.233154	Averaged	0	0	No Impact	30
WT-22-404	-	-	-	-	-	0.384776	0.384776	0	0	27	10.388941	Averaged	1	92.264851	Moderate Impact	27
WT-22-405	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	0.563871	0.563871	0	0	30	16.916125	Calculated	1	0	Moderate Impact	30
WT-22-406	-	-	-	-	-	2.226485	1.988101	10.706758	0.238384	27	60.115105	Averaged	1	100	Moderate Impact	27
WT-22-408	-	-	-	-	-	0.632174	0.632174	0	0	27	17.068709	Averaged	0	0	No Impact	27
WT-22-412	-	-	-	-	-	0.466275	0.288714	38.080843	0.177561	27	12.589424	Averaged	1	38.080843	Moderate Impact	27
WT-22-413	-	-	-	-	-	1.259782	1.259782	0	0	28	35.273893	Averaged	0	38.080843	No Impact	28
WT-22-414	-	-	-	-	-	2.31658	0.179191	92.264851	2.137389	26	60.231082	Averaged	1	100	High Impact	0
WT-22-415	-	-	-	-	-	0.233728	0.040156	82.819424	0.193573	27	6.310667	Averaged	1	25.530793	High Impact	0
WT-22-416	-	-	-	-	-	2.528635	0	100	2.528635	26	65.744511	Averaged	1	100	High Impact	0
WT-22-417	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.401708	0	100	0.401708	27	10.846129	Calculated	1	100	High Impact	0
WT-22-418	-	-	-	-	-	5.125968	5.125968	0	0	26	133.275174	Averaged	0	0	No Impact	26
WT-22-419	-	-	-	-	-	0.559201	0.559201	0	0	26	14.53923	Averaged	0	0	No Impact	26
WT-22-420	-	-	-	-	-	1.866039	1.866039	0	0	26	48.517001	Averaged	0	0	No Impact	26
WT-22-421	-	-	-	-	-	1.354584	1.354584	0	0	27	36.573778	Averaged	0	0	No Impact	27
WT-22-422	-	-	-	-	-	0.820675	0.820436	0.029152	0.000239	30	24.620257	Averaged	0	0	Low Impact	30
WT-22-423	-	-	-	-	-	0.276953	0.276953	0	0	29	8.031645	Averaged	1	6.215292	Moderate Impact	29
WT-22-424	-	-	-	-	-	1.580095	1.580095	0	0	26	41.08247	Averaged	0	0	No Impact	26
WT-22-425A	-	-	-	-	-	0.151034	0.151034	0	0	30	4.531014	Averaged	0	0	No Impact	30
WT-22-425B	-	-	-	-	-	0.295488	0.295488	0	0	30	8.864636	Averaged	0	0	No Impact	30
WT-22-427	-	-	-	-	-	2.746507	2.746507	0	0	27	74.155682	Averaged	0	8.011157	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-371B	16.150446	0	0	0	0	0	0	0	0	0	0	-124.8917983	53.19731011
WT-22-372	9.525753	0	0	0	0	0	0	0	0	0	0	-124.88817	53.2065382
WT-22-373	9.310412	0	0	0	0	0	0	0	0	0	0	-124.8782466	53.20563124
WT-22-374	4.218376	0	0	0	0	0	0	0	0	0	0	-124.8956371	53.21203065
WT-22-375	4.57225	0	0	0	0	0	0	0	0	0	0	-124.8943396	53.21027545
WT-22-376	27.210015	0	0	0	0	0	0	0	0	0	0	-124.8909725	53.23213339
WT-22-377	48.864857	0	0	0	0	0	0	0	0	0	0	-124.8870934	53.23133774
WT-22-378A	45.013443	0	0	0	0	0	0	0	0	0	0	-124.8954108	53.23232615
WT-22-378B	21.516744	0	0	0	0	0	0	0	0	0	0	-124.8976339	53.23296523
WT-22-379	9.470974	0	0	0	0	0	0	0	0	0	0	-124.8706941	53.22162718
WT-22-380	31.718804	0	0	0	0	0	0	0	0	0	0	-124.8692031	53.22192244
WT-22-381	37.987822	0	0	0	0	0	0	0	0	0	0	-124.8717306	53.22343086
WT-22-382	13.129726	0	0	0	0	0	0	0	0	0	0	-124.8735632	53.22526633
WT-22-383	11.80154	0	0	0	0	0	0	0	0	0	0	-124.8710851	53.22527966
WT-22-384	20.154664	0	0	0	0	0	0	0	0	0	0	-124.883059	53.2301588
WT-22-385	5.946566	0	0	0	0	0	0	0	0	0	0	-124.9198143	53.18382968
WT-22-386	10.655463	0	0	0	0	0	0	0	0	0	0	-124.9199652	53.18187479
WT-22-387	25.747982	0	0	0	0	0	0	0	0	0	0	-124.9110518	53.18655501
WT-22-388	11.173732	0	0	0	0	0	0	0	0	0	0	-124.9135209	53.18575308
WT-22-389	4.057113	0	0	0	0	0	0	0	0	0	0	-124.9087539	53.18459485
WT-22-390A	8.094334	0	0	0	0	0	0	0	0	0	0	-124.901041	53.18077732
WT-22-390B	42.599871	0	0	0.212505	11.869936	5.73763	0	5.73763	11.869936	0	11.869936	-124.8978232	53.18051461
WT-22-391	11.693653	0	0	0	0	0	0	0	0	0	0	-124.8888637	53.17105052
WT-22-392	44.640698	0	0	1.405002	45.939693	37.935041	0	37.935041	45.939693	0	45.939693	-124.8833698	53.18239278
WT-22-395	0.799105	0	0	0	0	0	0	0	0	0	0	-124.864958	53.19750635
WT-22-397A	13.512559	0	0	0	0	0	0	0	0	0	0	-124.8520033	53.19842291
WT-22-397B	2.513248	0	0	0	0	0	0	0	0	0	0	-124.8512513	53.19811142
WT-22-398A	16.841651	0	0	0	0	0	0	0	0	0	0	-124.8343095	53.20759717
WT-22-398B	2.714228	0	0	0	0	0	0	0	0	0	0	-124.8349498	53.20737912
WT-22-399A	0	0	0	0.215938	100	6.262189	0	6.262189	100	0	100	-124.8525193	53.20287591
WT-22-399B	0	0	0	0.045815	100	1.282813	0	1.282813	100	0	100	-124.8517246	53.20278551
WT-22-399C	0	0	0	0.074941	100	2.098336	0	2.098336	100	0	100	-124.8531778	53.20286581
WT-22-400	1.365091	0	0	0	0	0	0	0	0	0	0	-124.8907147	53.1861597
WT-22-401	2.720882	0	0	0	0	0	0	0	0	0	0	-124.9126126	53.18754851
WT-22-402A	2.555536	0	0	0	0	0	0	0	0	0	0	-124.9159114	53.18518312
WT-22-402B	1.233154	0	0	0	0	0	0	0	0	0	0	-124.915967	53.18547088
WT-22-404	10.388941	0	0	0	0	0	0	0	0	0	0	-124.8685848	53.20202981
WT-22-405	16.916125	0	0	0	0	0	0	0	0	0	0	-124.8675778	53.20220603
WT-22-406	53.678726	0	0	0.238384	10.706758	6.436379	0	6.436379	10.706758	0	10.706758	-124.8658253	53.20426591
WT-22-408	17.068709	0	0	0	0	0	0	0	0	0	0	-124.9025107	53.19220236
WT-22-412	7.795265	0	0	0.177561	38.080843	4.794159	0	4.794159	38.080843	0	38.080843	-124.8550167	53.18030456
WT-22-413	35.273893	0	0	0	0	0	0	0	0	0	0	-124.8514292	53.18068692
WT-22-414	0	0.179191	7.735152	2.31658	100	55.572119	4.658964	60.231082	92.264851	7.735149	100	-124.8730369	53.2019261
WT-22-415	0	0.040156	17.180623	0.233729	100	5.226458	1.084209	6.310667	82.819424	17.180576	100	-124.8311038	53.22290677
WT-22-416	0	0	0	2.528635	100	65.744511	0	65.744511	100	0	100	-124.8649283	53.20849024
WT-22-417	0	0	0	0.401708	100	10.846129	0	10.846129	100	0	100	-124.855806	53.21454432
WT-22-418	133.275174	0	0	0	0	0	0	0	0	0	0	-124.8281235	53.21310459
WT-22-419	14.53923	0	0	0	0	0	0	0	0	0	0	-124.8316016	53.21546848
WT-22-420	48.517001	0	0	0	0	0	0	0	0	0	0	-124.8305092	53.21907274
WT-22-421	36.573778	0	0	0	0	0	0	0	0	0	0	-124.8304551	53.21683755
WT-22-422	24.61308	0	0	0.000239	0.029152	0.007177	0	0.007177	0.029152	0	0.029152	-124.8427412	53.21531119
WT-22-423	8.031645	0	0	0	0	0	0	0	0	0	0	-124.8408485	53.21570001
WT-22-424	41.08247	0	0	0	0	0	0	0	0	0	0	-124.8303589	53.20654112
WT-22-425A	4.531014	0	0	0	0	0	0	0	0	0	0	-124.8274169	53.20536593
WT-22-425B	8.864636	0	0	0	0	0	0	0	0	0	0	-124.8276092	53.2055784
WT-22-427	74.155682	0	0	0	0	0	0	0	0	0	0	-124.8362585	53.20987775

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-428	Swamp	Ws07	Mine Site	Mine Site	RD	ETrail	-	-	-	-	-	-	-	-	-
WT-22-429A	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-429B	Fen	Wf06	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-432	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-433	Fen	Wf01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-435	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-436	Marsh	Wm01	Mine Site	-	-	-	full	WT-22-436	High (3)	High (3)	High (3)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-438	Marsh	Wm01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-439	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-440	Marsh	Wm01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-441	Marsh	Wm01	Mine Site	Mine Site	RD	TSFConRd	-	-	-	-	-	-	-	-	-
WT-22-442	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-443	Bog	Wb10	Mine Site	Mine Site	TSF	MDC	full	WT-22-443	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-449	SOW	Ww	Mine Site	-	-	-	full	WT-22-449	High (3)	High (3)	High (3)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-450	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-451A	Fen	Wf11	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-451B	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-451C	Fen	Wf02	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-452	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-453	Swamp	Ws08	Mine Site	Mine Site	PS		full	WT-22-453	Moderate (2)	High (3)	High (3)	Low (1)	Low (1)	High (3)	High (3)
WT-22-454	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-456	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-457	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-459	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-460	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-461	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-462	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-463	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-464	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-465	Swamp	Ws07	Mine Site	Mine Site	POND	IECD	full	WT-22-465	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-468	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-469	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-470	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-471	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-472	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-474	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-475A	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-475B	Fen	Wf08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-476	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-477	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-478	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-480A	Fen	Wf08	Mine Site	-	-	-	full	WT-22-480	Moderate (2)	High (3)	High (3)	Low (1)	High (3)	Low (1)	High (3)
WT-22-480B	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-481	Fen	Wf02	Mine Site	-	-	-	full	WT-22-481	Moderate (2)	High (3)	High (3)	Low (1)	High (3)	Low (1)	High (3)
WT-22-482A	Swamp	Ws08	Outside Y23 Footprint	Mine Site	O	15/16DIV	-	-	-	-	-	-	-	-	-
WT-22-482B	Swamp	Ws08	Outside Y23 Footprint	Mine Site	O	15/16DIV	-	-	-	-	-	-	-	-	-
WT-22-482C	Marsh	Wm01	Outside Y23 Footprint	Mine Site	O	15/16DIV	-	-	-	-	-	-	-	-	-
WT-22-486A	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-486B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-487	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-488	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-490	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-491	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-492	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-493	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-494	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-428	-	-	-	-	-	1.113494	1.11145	0.183516	0.002043	26	28.950837	Averaged	1	15.786664	Moderate Impact	26
WT-22-429A	-	-	-	-	-	0.11626	0.11626	0	0	27	3.13903	Averaged	0	0	No Impact	27
WT-22-429B	-	-	-	-	-	0.052544	0.052544	0	0	28	1.471234	Averaged	0	0	No Impact	28
WT-22-432	-	-	-	-	-	0.158585	0.158585	0	0	26	4.123203	Averaged	0	0	No Impact	26
WT-22-433	-	-	-	-	-	0.428703	0.428703	0	0	28	12.003673	Averaged	0	0	No Impact	28
WT-22-435	-	-	-	-	-	0.181005	0.181005	0	0	29	5.249155	Averaged	0	0	No Impact	29
WT-22-436	High (3)	High (3)	Low (1)	Functioning (4)	Low (1)	0.284305	0.284305	0	0	30	8.529138	Calculated	0	0	No Impact	30
WT-22-438	-	-	-	-	-	0.22001	0.22001	0	0	29	6.380299	Averaged	0	0	No Impact	29
WT-22-439	-	-	-	-	-	0.233455	0.233455	0	0	30	7.003659	Averaged	0	90.307181	Moderate Impact	30
WT-22-440	-	-	-	-	-	0.260023	0.260023	0	0	29	7.540662	Averaged	0	0	No Impact	29
WT-22-441	-	-	-	-	-	0.054658	0.048527	11.217627	0.006131	29	1.585083	Averaged	1	0	Moderate Impact	29
WT-22-442	-	-	-	-	-	0.058016	0.058016	0	0	30	1.740483	Averaged	0	0	No Impact	30
WT-22-443	Low (1)	High (3)	High (3)	Functioning (4)	Low (1)	0.57666	0	100	0.57666	26	14.993157	Calculated	1	100	High Impact	0
WT-22-449	High (3)	High (3)	Low (1)	Functioning (4)	Low (1)	0.104689	0.104689	0	0	30	3.14067	Calculated	0	0	No Impact	30
WT-22-450	-	-	-	-	-	1.995919	1.995919	0	0	26	51.893887	Averaged	1	0	Moderate Impact	26
WT-22-451A	-	-	-	-	-	2.16135	2.16135	0	0	28	60.517796	Averaged	1	0	Moderate Impact	28
WT-22-451B	-	-	-	-	-	0.349026	0.349026	0	0	27	9.4237	Averaged	1	0	Moderate Impact	27
WT-22-451C	-	-	-	-	-	0.839202	0.839202	0	0	28	23.497649	Averaged	1	0	Moderate Impact	28
WT-22-452	-	-	-	-	-	0.287341	0.287341	0	0	26	7.470858	Averaged	1	0	Moderate Impact	26
WT-22-453	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.365249	0	100	0.365249	27	9.861723	Calculated	1	100	High Impact	0
WT-22-454	-	-	-	-	-	0.587603	0.587603	0	0	27	15.865273	Averaged	0	0	No Impact	27
WT-22-456	-	-	-	-	-	1.262895	1.262895	0	0	26	32.835269	Averaged	0	0	No Impact	26
WT-22-457	-	-	-	-	-	0.40797	0.40797	0	0	26	10.607228	Averaged	0	0	No Impact	26
WT-22-459	-	-	-	-	-	0.052847	0.052847	0	0	30	1.585401	Averaged	0	0	No Impact	30
WT-22-460	-	-	-	-	-	1.319483	1.319483	0	0	26	34.30656	Averaged	0	0	No Impact	26
WT-22-461	-	-	-	-	-	0.184548	0.184548	0	0	27	4.982804	Averaged	0	0	No Impact	27
WT-22-462	-	-	-	-	-	0.042056	0.042056	0	0	28	1.177568	Averaged	0	0	No Impact	28
WT-22-463	-	-	-	-	-	0.268551	0.268551	0	0	27	7.250878	Averaged	0	0	No Impact	27
WT-22-464	-	-	-	-	-	0.647384	0.647384	0	0	26	16.831977	Averaged	0	0	No Impact	26
WT-22-465	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	9.048968	4.26581	52.858608	4.783159	27	244.322142	Calculated	1	100	High Impact	0
WT-22-468	-	-	-	-	-	0.436277	0.436277	0	0	28	12.215756	Averaged	0	0	No Impact	28
WT-22-469	-	-	-	-	-	1.300355	1.300355	0	0	26	33.809242	Averaged	0	0	No Impact	26
WT-22-470	-	-	-	-	-	0.084466	0.084466	0	0	30	2.533988	Averaged	0	0	No Impact	30
WT-22-471	-	-	-	-	-	0.46103	0.46103	0	0	27	12.447813	Averaged	0	0	No Impact	27
WT-22-472	-	-	-	-	-	0.247769	0.247769	0	0	28	6.937527	Averaged	0	0	No Impact	28
WT-22-474	-	-	-	-	-	0.080366	0.080366	0	0	27	2.169887	Averaged	0	0	No Impact	27
WT-22-475A	-	-	-	-	-	0.285995	0.285995	0	0	28	8.007858	Averaged	0	0	No Impact	28
WT-22-475B	-	-	-	-	-	0.198099	0.198099	0	0	28	5.546785	Averaged	0	0	No Impact	28
WT-22-476	-	-	-	-	-	0.35922	0.35922	0	0	28	10.05815	Averaged	1	1.163533	Moderate Impact	28
WT-22-477	-	-	-	-	-	0.230172	0.230172	0	0	27	6.214639	Averaged	1	0	Moderate Impact	27
WT-22-478	-	-	-	-	-	0.509706	0.509706	0	0	27	13.762055	Averaged	1	0	Moderate Impact	27
WT-22-480A	Low (1)	High (3)	High (3)	At Risk (3)	High (3)	0.723153	0.723153	0	0	29	20.97145	Calculated	0	0	No Impact	29
WT-22-480B	-	-	-	-	-	0.091195	0.091195	0	0	27	2.462266	Averaged	0	0	No Impact	27
WT-22-481	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.767325	0.767325	0	0	28	21.48509	Calculated	0	0	No Impact	28
WT-22-482A	-	-	-	-	-	0.173449	0.040533	76.631345	0.132917	26	4.509682	Averaged	1	100	High Impact	0
WT-22-482B	-	-	-	-	-	0.165848	0.016075	90.307181	0.149772	26	4.312038	Averaged	1	100	High Impact	0
WT-22-482C	-	-	-	-	-	0.070152	0	100	0.070152	29	2.034422	Averaged	1	100	High Impact	0
WT-22-486A	-	-	-	-	-	0.16446	0.16446	0	0	27	4.440416	Averaged	0	0	No Impact	27
WT-22-486B	-	-	-	-	-	0.019388	0.019388	0	0	30	0.581626	Averaged	0	0	No Impact	30
WT-22-487	-	-	-	-	-	0.757351	0.757351	0	0	27	20.448469	Averaged	0	0	No Impact	27
WT-22-488	-	-	-	-	-	0.192112	0.192112	0	0	27	5.18702	Averaged	0	0	No Impact	27
WT-22-490	-	-	-	-	-	0.180742	0.180742	0	0	28	5.060767	Averaged	1	0	Moderate Impact	28
WT-22-491	-	-	-	-	-	0.705733	0.705733	0	0	27	19.054785	Averaged	1	0	Moderate Impact	27
WT-22-492	-	-	-	-	-	0.486911	0.486911	0	0	27	13.146603	Averaged	1	0	Moderate Impact	27
WT-22-493	-	-	-	-	-	0.281684	0.281684	0	0	27	7.605462	Averaged	1	0	Moderate Impact	27
WT-22-494	-	-	-	-	-	0.11444	0.11444	0	0	27	3.089874	Averaged	1	0.017097	Moderate Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-428	28.897708	0	0	0.002043	0.183516	0.05313	0	0.05313	0.183516	0	0.183516	-124.8457541	53.21183715
WT-22-429A	3.13903	0	0	0	0	0	0	0	0	0	0	-124.8427432	53.21749488
WT-22-429B	1.471234	0	0	0	0	0	0	0	0	0	0	-124.842915	53.21755628
WT-22-432	4.123203	0	0	0	0	0	0	0	0	0	0	-124.8475936	53.22151543
WT-22-433	12.003673	0	0	0	0	0	0	0	0	0	0	-124.8383633	53.22552561
WT-22-435	5.249155	0	0	0	0	0	0	0	0	0	0	-124.8381137	53.22616618
WT-22-436	8.529138	0	0	0	0	0	0	0	0	0	0	-124.8516231	53.22289546
WT-22-438	6.380299	0	0	0	0	0	0	0	0	0	0	-124.8532476	53.22171607
WT-22-439	7.003659	0	0	0	0	0	0	0	0	0	0	-124.9245171	53.18429873
WT-22-440	7.540662	0	0	0	0	0	0	0	0	0	0	-124.8627507	53.21894012
WT-22-441	1.407275	0	0	0.006131	11.217627	0.177809	0	0.177809	11.217627	0	11.217627	-124.86601	53.21843628
WT-22-442	1.740483	0	0	0	0	0	0	0	0	0	0	-124.8672378	53.21843553
WT-22-443	0	0	0	0.57666	100	14.993157	0	14.993157	100	0	100	-124.8813233	53.2132602
WT-22-449	3.14067	0	0	0	0	0	0	0	0	0	0	-124.847099	53.19534507
WT-22-450	51.893887	0	0	0	0	0	0	0	0	0	0	-124.8539117	53.18993351
WT-22-451A	60.517796	0	0	0	0	0	0	0	0	0	0	-124.863676	53.18661359
WT-22-451B	9.4237	0	0	0	0	0	0	0	0	0	0	-124.8613057	53.18690731
WT-22-451C	23.497649	0	0	0	0	0	0	0	0	0	0	-124.8663104	53.18692884
WT-22-452	7.470858	0	0	0	0	0	0	0	0	0	0	-124.8628275	53.18716759
WT-22-453	0	0	0	0.365249	100	9.861723	0	9.861723	100	0	100	-124.8564573	53.18309208
WT-22-454	15.865273	0	0	0	0	0	0	0	0	0	0	-124.9192812	53.19480461
WT-22-456	32.835269	0	0	0	0	0	0	0	0	0	0	-124.8815332	53.22801628
WT-22-457	10.607228	0	0	0	0	0	0	0	0	0	0	-124.8835864	53.23119172
WT-22-459	1.585401	0	0	0	0	0	0	0	0	0	0	-124.8666565	53.22098873
WT-22-460	34.30656	0	0	0	0	0	0	0	0	0	0	-124.9040426	53.21718536
WT-22-461	4.982804	0	0	0	0	0	0	0	0	0	0	-124.91531	53.18515013
WT-22-462	1.177568	0	0	0	0	0	0	0	0	0	0	-124.9147553	53.18590551
WT-22-463	7.250878	0	0	0	0	0	0	0	0	0	0	-124.844573	53.22824013
WT-22-464	16.831977	0	0	0	0	0	0	0	0	0	0	-124.860487	53.23566719
WT-22-465	0	4.26581	47.141397	9.048969	100	129.145283	115.176858	244.322142	52.858608	47.141392	100	-124.8510628	53.21696642
WT-22-468	12.215756	0	0	0	0	0	0	0	0	0	0	-124.8402934	53.16598537
WT-22-469	33.809242	0	0	0	0	0	0	0	0	0	0	-124.8284667	53.18747415
WT-22-470	2.533988	0	0	0	0	0	0	0	0	0	0	-124.8402434	53.16923631
WT-22-471	12.447813	0	0	0	0	0	0	0	0	0	0	-124.9189381	53.18219399
WT-22-472	6.937527	0	0	0	0	0	0	0	0	0	0	-124.9218742	53.19872026
WT-22-474	2.169887	0	0	0	0	0	0	0	0	0	0	-124.9206469	53.1825556
WT-22-475A	8.007858	0	0	0	0	0	0	0	0	0	0	-124.9193337	53.18341671
WT-22-475B	5.546785	0	0	0	0	0	0	0	0	0	0	-124.9196754	53.18322341
WT-22-476	10.05815	0	0	0	0	0	0	0	0	0	0	-124.8921243	53.18166471
WT-22-477	6.214639	0	0	0	0	0	0	0	0	0	0	-124.8884465	53.17960993
WT-22-478	13.762055	0	0	0	0	0	0	0	0	0	0	-124.8887296	53.1804963
WT-22-480A	20.97145	0	0	0	0	0	0	0	0	0	0	-124.8703489	53.22474309
WT-22-480B	2.462266	0	0	0	0	0	0	0	0	0	0	-124.869885	53.22512949
WT-22-481	21.48509	0	0	0	0	0	0	0	0	0	0	-124.8719463	53.22489506
WT-22-482A	0	0.040533	23.368786	0.17345	100	3.45583	1.053852	4.509682	76.631345	23.368655	100	-124.9260011	53.18205025
WT-22-482B	0	0.016075	9.692633	0.165847	99.999814	3.89408	0.417958	4.312038	90.307181	9.692819	100	-124.9252019	53.18351798
WT-22-482C	0	0	0	0.070152	100	2.034422	0	2.034422	100	0	100	-124.925362	53.18279313
WT-22-486A	4.440416	0	0	0	0	0	0	0	0	0	0	-124.9226549	53.18293963
WT-22-486B	0.581626	0	0	0	0	0	0	0	0	0	0	-124.9224094	53.1832071
WT-22-487	20.448469	0	0	0	0	0	0	0	0	0	0	-124.9214277	53.18175902
WT-22-488	5.18702	0	0	0	0	0	0	0	0	0	0	-124.9234015	53.18117095
WT-22-490	5.060767	0	0	0	0	0	0	0	0	0	0	-124.8609265	53.1865305
WT-22-491	19.054785	0	0	0	0	0	0	0	0	0	0	-124.8602855	53.18655784
WT-22-492	13.146603	0	0	0	0	0	0	0	0	0	0	-124.857331	53.18724102
WT-22-493	7.605462	0	0	0	0	0	0	0	0	0	0	-124.8556491	53.1880396
WT-22-494	3.089874	0	0	0	0	0	0	0	0	0	0	-124.8672169	53.19768432

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-497	Bog	Wb13	Mine Site	Mine Site	O	SCC	full	WT-22-497	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-498	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-499	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-500	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-501A	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-501B	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-505	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-506	Swamp	Ws08	Mine Site	-	-	-	full	WT-22-403	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-509	Swamp	Ws04	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-510A	Swamp	Ws07	Mine Site	-	-	-	full	WT-22-510A	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-510B	Swamp	Ws07	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-511	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-512	Fen	Wf02	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-513	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-514	Fen	Wf01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-515	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-516	Fen	Wf01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-517	Fen	Wf01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-518	Bog	Wb13	Mine Site	-	-	-	full	WT-22-518	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-519	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-520	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-521	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-522	Fen	Wf01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-523	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-524	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-525	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-526	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-527	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-528	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-529A	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-529B	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-531	Fen	Wf01	Mine Site	Mine Site	POND	IECD	-	-	-	-	-	-	-	-	-
WT-22-533	Swamp	Ws07	Mine Site	Mine Site	RD	ATrail	-	-	-	-	-	-	-	-	-
WT-22-534	Swamp	Ws07	Mine Site	Mine Site	TSF	MDD	-	-	-	-	-	-	-	-	-
WT-22-535	Fen	Wf04	Mine Site	Mine Site	TSF	MDD	full (partial)	-	-	-	-	-	-	-	-
WT-22-537	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-538	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-540A	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-540B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-541	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-542	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-544	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-546	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-547	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-549	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-551	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-552	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-558	Bog	Wb05	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-559	Bog	Wb08	Mine Site	Mine Site	TSF	MDC	full	WT-22-559	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-561	Bog	Wb08	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-569A	Swamp	Ws08	Mine Site	Mine Site	RD	CTrail	full (partial)	-	-	-	-	-	-	-	-
WT-22-569B	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-570	Fen	Wf02	Mine Site	-	-	-	full	WT-22-570A	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
WT-22-574	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-576	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-580	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-497	Low (1)	High (3)	High (3)	Functioning (4)	Low (1)	0.148249	0.148224	0.017097	0.000025	26	3.854485	Calculated	1	0.017097	Moderate Impact	26
WT-22-498	-	-	-	-	-	0.296944	0.296944	0	0	29	8.611383	Averaged	0	0	No Impact	29
WT-22-499	-	-	-	-	-	0.323806	0.323806	0	0	28	9.066578	Averaged	0	0	No Impact	28
WT-22-500	-	-	-	-	-	0.025492	0.025492	0	0	28	0.713787	Averaged	0	0	No Impact	28
WT-22-501A	-	-	-	-	-	0.032172	0.032172	0	0	30	0.965148	Averaged	0	0	No Impact	30
WT-22-501B	-	-	-	-	-	0.042186	0.042186	0	0	28	1.181208	Averaged	0	0	No Impact	28
WT-22-505	-	-	-	-	-	0.148489	0.148489	0	0	27	4.009203	Averaged	0	0	No Impact	27
WT-22-506	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	1.659852	1.659852	0	0	26	43.156152	Calculated	0	0	No Impact	26
WT-22-509	-	-	-	-	-	0.512961	0.512961	0	0	26	13.336974	Averaged	0	0	No Impact	26
WT-22-510A	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	1.156715	1.156715	0	0	29	33.544732	Calculated	0	0	No Impact	29
WT-22-510B	-	-	-	-	-	0.224943	0.224943	0	0	26	5.848527	Averaged	0	0	No Impact	26
WT-22-511	-	-	-	-	-	1.132771	1.132771	0	0	27	30.584808	Averaged	0	0	No Impact	27
WT-22-512	-	-	-	-	-	0.474802	0.474802	0	0	28	13.294445	Averaged	0	0	No Impact	28
WT-22-513	-	-	-	-	-	0.114479	0.114479	0	0	27	3.090929	Averaged	0	0	No Impact	27
WT-22-514	-	-	-	-	-	0.365773	0.365773	0	0	28	10.241655	Averaged	0	0	No Impact	28
WT-22-515	-	-	-	-	-	0.605617	0.605617	0	0	27	16.351666	Averaged	0	0	No Impact	27
WT-22-516	-	-	-	-	-	0.017623	0.017623	0	0	28	0.493435	Averaged	0	0	No Impact	28
WT-22-517	-	-	-	-	-	0.053194	0.053194	0	0	28	1.489423	Averaged	0	0	No Impact	28
WT-22-518	Low (1)	High (3)	High (3)	Functioning (4)	High (3)	0.08806	0.08806	0	0	29	2.553732	Calculated	0	0	No Impact	29
WT-22-519	-	-	-	-	-	0.129228	0.129228	0	0	30	3.876836	Averaged	0	0	No Impact	30
WT-22-520	-	-	-	-	-	0.112992	0.112992	0	0	27	3.050789	Averaged	0	0	No Impact	27
WT-22-521	-	-	-	-	-	0.204985	0.204985	0	0	27	5.534604	Averaged	0	0	No Impact	27
WT-22-522	-	-	-	-	-	0.049051	0.049051	0	0	28	1.373414	Averaged	0	0	No Impact	28
WT-22-523	-	-	-	-	-	0.174033	0.174033	0	0	27	4.698904	Averaged	0	0	No Impact	27
WT-22-524	-	-	-	-	-	0.132685	0.132685	0	0	27	3.582491	Averaged	0	0	No Impact	27
WT-22-525	-	-	-	-	-	0.095617	0.095617	0	0	29	2.77288	Averaged	0	0	No Impact	29
WT-22-526	-	-	-	-	-	0.056933	0.056933	0	0	30	1.707982	Averaged	0	0	No Impact	30
WT-22-527	-	-	-	-	-	0.490292	0.490292	0	0	27	13.237893	Averaged	0	0	No Impact	27
WT-22-528	-	-	-	-	-	0.104088	0.104088	0	0	27	2.810364	Averaged	0	0	No Impact	27
WT-22-529A	-	-	-	-	-	0.275257	0.275257	0	0	27	7.431929	Averaged	0	0	No Impact	27
WT-22-529B	-	-	-	-	-	0.029259	0.029259	0	0	30	0.877766	Averaged	0	0	No Impact	30
WT-22-531	-	-	-	-	-	0.069664	0	100	0.069664	28	1.950582	Averaged	1	100	High Impact	0
WT-22-533	-	-	-	-	-	1.008689	1.008689	8.011157	0.087845	26	28.50988	Averaged	0	20.374408	Low Impact	26
WT-22-534	-	-	-	-	-	1.206253	1.015826	15.786664	0.190427	26	31.362579	Averaged	1	20.374408	Moderate Impact	26
WT-22-535	-	-	-	-	-	0.534108	0.425287	20.374408	0.108821	28	14.95502	Averaged	1	20.374408	Moderate Impact	28
WT-22-537	-	-	-	-	-	2.308059	2.308059	0	0	27	62.31758	Averaged	0	0	No Impact	27
WT-22-538	-	-	-	-	-	0.841344	0.841344	0	0	27	22.716282	Averaged	0	0	No Impact	27
WT-22-540A	-	-	-	-	-	0.044738	0.044738	0	0	29	1.29739	Averaged	0	0	No Impact	29
WT-22-540B	-	-	-	-	-	0.021789	0.021789	0	0	30	0.653683	Averaged	0	0	No Impact	30
WT-22-541	-	-	-	-	-	0.043943	0.043943	0	0	28	1.230398	Averaged	0	0	No Impact	28
WT-22-542	-	-	-	-	-	0.183308	0.183308	0	0	28	5.132614	Averaged	0	0	No Impact	28
WT-22-544	-	-	-	-	-	0.435294	0.435294	0	0	27	11.75294	Averaged	0	0	No Impact	27
WT-22-546	-	-	-	-	-	0.240631	0.240631	0	0	26	6.256407	Averaged	0	0	No Impact	26
WT-22-547	-	-	-	-	-	0.302785	0.302785	0	0	28	8.477983	Averaged	0	0	No Impact	28
WT-22-549	-	-	-	-	-	0.065923	0.065923	0	0	27	1.77991	Averaged	0	0	No Impact	27
WT-22-551	-	-	-	-	-	0.192094	0.192094	0	0	28	5.378645	Averaged	0	0	No Impact	28
WT-22-552	-	-	-	-	-	0.523744	0.523744	0	0	27	14.141091	Averaged	0	0	No Impact	27
WT-22-558	-	-	-	-	-	0.107007	0	100	0.107007	27	2.889184	Averaged	1	100	High Impact	0
WT-22-559	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.703084	0	100	0.703084	26	18.280193	Calculated	1	100	High Impact	0
WT-22-561	-	-	-	-	-	0.209592	0	100	0.209592	27	5.658989	Averaged	1	100	High Impact	0
WT-22-569A	-	-	-	-	-	0.388229	0.346286	10.803774	0.041943	26	10.093962	Averaged	0	74.30755	Moderate Impact	26
WT-22-569B	-	-	-	-	-	0.20101	0.20101	0	0	27	5.427268	Averaged	0	0	No Impact	27
WT-22-570	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.12549	0.12549	0	0	28	3.513708	Calculated	0	0	No Impact	28
WT-22-574	-	-	-	-	-	0.451176	0.451176	0	0	26	11.730573	Averaged	0	0	No Impact	26
WT-22-576	-	-	-	-	-	0.121592	0.121592	0	0	28	3.404563	Averaged	0	0	No Impact	28
WT-22-580	-	-	-	-	-	0.141485	0.141485	0	0	27	3.820098	Averaged	0	0	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-497	3.853826	0	0	0.000025	0.017097	0.000659	0	0.000659	0.017097	0	0.017097	-124.8657412	53.19799384
WT-22-498	8.611383	0	0	0	0	0	0	0	0	0	0	-124.9192397	53.18660346
WT-22-499	9.066578	0	0	0	0	0	0	0	0	0	0	-124.9210621	53.18555143
WT-22-500	0.713787	0	0	0	0	0	0	0	0	0	0	-124.9217638	53.18479952
WT-22-501A	0.965148	0	0	0	0	0	0	0	0	0	0	-124.9219518	53.18386636
WT-22-501B	1.181208	0	0	0	0	0	0	0	0	0	0	-124.9221347	53.18387179
WT-22-505	4.009203	0	0	0	0	0	0	0	0	0	0	-124.9063465	53.19368881
WT-22-506	43.156152	0	0	0	0	0	0	0	0	0	0	-124.9040601	53.19405764
WT-22-509	13.336974	0	0	0	0	0	0	0	0	0	0	-124.8779868	53.22641247
WT-22-510A	33.544732	0	0	0	0	0	0	0	0	0	0	-124.8759564	53.22595016
WT-22-510B	5.848527	0	0	0	0	0	0	0	0	0	0	-124.8743531	53.22547883
WT-22-511	30.584808	0	0	0	0	0	0	0	0	0	0	-124.8730064	53.22454604
WT-22-512	13.294445	0	0	0	0	0	0	0	0	0	0	-124.8741302	53.22458706
WT-22-513	3.090929	0	0	0	0	0	0	0	0	0	0	-124.874597	53.22459717
WT-22-514	10.241655	0	0	0	0	0	0	0	0	0	0	-124.8709994	53.22450124
WT-22-515	16.351666	0	0	0	0	0	0	0	0	0	0	-124.8700286	53.22416635
WT-22-516	0.493435	0	0	0	0	0	0	0	0	0	0	-124.8664375	53.22202447
WT-22-517	1.489423	0	0	0	0	0	0	0	0	0	0	-124.8659309	53.22212054
WT-22-518	2.553732	0	0	0	0	0	0	0	0	0	0	-124.8579345	53.22254744
WT-22-519	3.876836	0	0	0	0	0	0	0	0	0	0	-124.8564404	53.22273297
WT-22-520	3.050789	0	0	0	0	0	0	0	0	0	0	-124.8584047	53.22252879
WT-22-521	5.534604	0	0	0	0	0	0	0	0	0	0	-124.8558091	53.22324359
WT-22-522	1.373414	0	0	0	0	0	0	0	0	0	0	-124.8548468	53.22426533
WT-22-523	4.698904	0	0	0	0	0	0	0	0	0	0	-124.8584339	53.22372339
WT-22-524	3.582491	0	0	0	0	0	0	0	0	0	0	-124.8515575	53.22039768
WT-22-525	2.77288	0	0	0	0	0	0	0	0	0	0	-124.840437	53.22343525
WT-22-526	1.707982	0	0	0	0	0	0	0	0	0	0	-124.8380256	53.22616918
WT-22-527	13.237893	0	0	0	0	0	0	0	0	0	0	-124.8382903	53.22514523
WT-22-528	2.810364	0	0	0	0	0	0	0	0	0	0	-124.8388697	53.22565435
WT-22-529A	7.431929	0	0	0	0	0	0	0	0	0	0	-124.8381032	53.22347217
WT-22-529B	0.877766	0	0	0	0	0	0	0	0	0	0	-124.8381158	53.22311631
WT-22-531	0	0	0	0.069664	100	1.950582	0	1.950582	100	0	100	-124.8513743	53.21636517
WT-22-533	26.225908	0	0	0.087845	8.011157	2.283971	0	2.283971	8.011157	0	8.011157	-124.8388703	53.20947235
WT-22-534	26.411474	0	0	0.190427	15.786664	4.951105	0	4.951105	15.786664	0	15.786664	-124.8423786	53.20979416
WT-22-535	11.908023	0	0	0.108821	20.374408	3.046997	0	3.046997	20.374408	0	20.374408	-124.8419867	53.20943475
WT-22-537	62.31758	0	0	0	0	0	0	0	0	0	0	-124.8273583	53.21397784
WT-22-538	22.716282	0	0	0	0	0	0	0	0	0	0	-124.8299366	53.21616049
WT-22-540A	1.29739	0	0	0	0	0	0	0	0	0	0	-124.843812	53.21744845
WT-22-540B	0.653683	0	0	0	0	0	0	0	0	0	0	-124.843737	53.21742684
WT-22-541	1.230398	0	0	0	0	0	0	0	0	0	0	-124.8403564	53.21919114
WT-22-542	5.132614	0	0	0	0	0	0	0	0	0	0	-124.9156819	53.19765899
WT-22-544	11.75294	0	0	0	0	0	0	0	0	0	0	-124.9157196	53.19787962
WT-22-546	6.256407	0	0	0	0	0	0	0	0	0	0	-124.9196233	53.19803271
WT-22-547	8.477983	0	0	0	0	0	0	0	0	0	0	-124.9239255	53.19863597
WT-22-549	1.77991	0	0	0	0	0	0	0	0	0	0	-124.9226836	53.19884001
WT-22-551	5.378645	0	0	0	0	0	0	0	0	0	0	-124.9221711	53.19605781
WT-22-552	14.141091	0	0	0	0	0	0	0	0	0	0	-124.9216675	53.19624998
WT-22-558	0	0	0	0.107007	100	2.889184	0	2.889184	100	0	100	-124.8822351	53.21445211
WT-22-559	0	0	0	0.703084	100	18.280193	0	18.280193	100	0	100	-124.8813112	53.21430924
WT-22-561	0	0	0	0.209592	100	5.658989	0	5.658989	100	0	100	-124.8778993	53.21504609
WT-22-569A	9.003433	0	0	0.041943	10.803774	1.090529	0	1.090529	10.803774	0	10.803774	-124.9110481	53.1990346
WT-22-569B	5.427268	0	0	0	0	0	0	0	0	0	0	-124.9127476	53.19902256
WT-22-570	3.513708	0	0	0	0	0	0	0	0	0	0	-124.9124595	53.19895666
WT-22-574	11.730573	0	0	0	0	0	0	0	0	0	0	-124.9132311	53.18967131
WT-22-576	3.404563	0	0	0	0	0	0	0	0	0	0	-124.9135776	53.18583335
WT-22-580	3.820098	0	0	0	0	0	0	0	0	0	0	-124.9220625	53.18187501

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-581	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-582	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-584	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-585	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-586	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-587A	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-587B	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-588	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-592A	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-592B	Fen	Wf13	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-594	Swamp	Ws08	Mine Site	Mine Site	O	Firebreak	full	WT-22-594	Low (1)	High (3)	High (3)	Low (1)	Low (1)	High (3)	High (3)
WT-22-595	Bog	Wb05	Outside Y23 Footprint	-	-	-	full	WT-22-595	Low (1)	Low (1)	Low (1)	Low (1)	High (3)	Low (1)	High (3)
WT-22-596	Fen	Wf07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-597	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-598	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-599	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-600	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-605	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-606	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-608	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-609	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-610	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-615	Fen	Wf03	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-616	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-617	Bog	Wb08	Outside Y23 Footprint	Mine Site	SP	TS2	-	-	-	-	-	-	-	-	-
WT-22-618	Swamp	Ws08	Mine Site	Mine Site	SP	TS2	full (partial)	-	-	-	-	-	-	-	-
WT-22-619A	Swamp	Ws08	Mine Site	Mine Site	POND	LGO	full	WT-22-621C	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-619B	Bog	Wb08	Mine Site	Mine Site	POND	LGO	full	WT-22-619	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-620	Bog	Wb05	Mine Site	-	-	-	full	WT-22-620	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-622	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-623A	Fen	Wf04	Mine Site	Mine Site	SP	LGO SP	full	WT-22-623	Moderate (2)	High (3)	High (3)	Low (1)	Low (1)	Moderate (2)	High (3)
WT-22-623B	Fen	Wf02	Mine Site	Mine Site	SP	LGO SP	-	-	-	-	-	-	-	-	-
WT-22-623C	Bog	Wb05	Mine Site	Mine Site	SP	LGO SP	-	-	-	-	-	-	-	-	-
WT-22-623D	Bog	Wb05	Mine Site	Mine Site	SP	LGO SP	-	-	-	-	-	-	-	-	-
WT-22-624	Bog	Wb08	Mine Site	Mine Site	RD	MTrail	full	WT-22-624	Low (1)	Low (1)	Low (1)	Low (1)	High (3)	Low (1)	High (3)
WT-22-625	Fen	Wf02	Mine Site	Mine Site	POND	LGO	-	-	-	-	-	-	-	-	-
WT-22-626	Bog	Wb05	Mine Site	Mine Site	RD	HHR	-	-	-	-	-	-	-	-	-
WT-22-627	Bog	Wb05	Mine Site	Mine Site	RD	HHR	full	WT-22-627	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-628	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-629	Fen	Wf13	Outside Y23 Footprint	Mine Site	RD	HHR	full	WT-22-629	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
WT-22-631	Bog	Wb08	Mine Site	Mine Site	RD	HHR	-	-	-	-	-	-	-	-	-
WT-22-632	Bog	Wb05	Mine Site	-	-	-	full	WT-22-633	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-635	Swamp	Ws08	Mine Site	Mine Site	RD	HHR	full	WT-22-635	Moderate (2)	High (3)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-636	Fen	Wf02	Mine Site	-	-	-	full	WT-22-636	Moderate (2)	Low (1)	High (3)	Low (1)	Low (1)	Moderate (2)	High (3)
WT-22-638	Bog	Wb05	Mine Site	-	-	-	full	WT-22-638	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-639A	Fen	Wf02	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-639B	Bog	Wb08	Mine Site	-	-	-	full	WT-22-639	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	Low (1)	High (3)
WT-22-641	Marsh	Wm01	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-642	Swamp	Ws07	Mine Site	Mine Site	TSF	Tailings	-	-	-	-	-	-	-	-	-
WT-22-643	Swamp	Ws07	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-644	Swamp	Ws07	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-645	Swamp	Ws04	Mine Site	Mine Site	TSF	MDC	-	-	-	-	-	-	-	-	-
WT-22-650	Marsh	Wm01	Mine Site	Mine Site	TSF	Tailings	-	-	-	-	-	-	-	-	-
WT-22-652	Fen	Wf04	Mine Site	-	-	-	full	WT-22-652	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
WT-22-655	Swamp	Ws04	Mine Site	Mine Site	O	CWTP	-	-	-	-	-	-	-	-	-
WT-22-657	Swamp	Ws08	Mine Site	Mine Site	O	SCC	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-581	-	-	-	-	-	0.14183	0.14183	0	0	28	3.971228	Averaged	0	0	No Impact	28
WT-22-582	-	-	-	-	-	0.045365	0.045365	0	0	28	1.270214	Averaged	0	0	No Impact	28
WT-22-584	-	-	-	-	-	1.601567	1.601567	0	0	27	43.242307	Averaged	0	0	No Impact	27
WT-22-585	-	-	-	-	-	1.223255	1.223255	0	0	26	31.804629	Averaged	0	0	No Impact	26
WT-22-586	-	-	-	-	-	0.125813	0.125813	0	0	28	3.522757	Averaged	0	0	No Impact	28
WT-22-587A	-	-	-	-	-	1.027726	1.027726	0	0	27	27.74861	Averaged	0	0	No Impact	27
WT-22-587B	-	-	-	-	-	0.422052	0.422052	0	0	26	10.973345	Averaged	0	0	No Impact	26
WT-22-588	-	-	-	-	-	0.477575	0.477575	0	0	27	12.894519	Averaged	0	0.347806	No Impact	27
WT-22-592A	-	-	-	-	-	0.364106	0.364106	0	0	27	9.830868	Averaged	0	0	No Impact	27
WT-22-592B	-	-	-	-	-	0.112687	0.112687	0	0	28	3.155242	Averaged	0	0	No Impact	28
WT-22-594	Low (1)	High (3)	Low (1)	Functioning (4)	Low (1)	0.798067	0.091433	88.543159	0.706633	25	19.951668	Calculated	1	88.543159	High Impact	0
WT-22-595	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.381777	0.381777	0	0	28	10.68975	Calculated	1	0	Moderate Impact	28
WT-22-596	-	-	-	-	-	0.619175	0.619175	0	0	28	17.336911	Averaged	1	1.163533	Moderate Impact	28
WT-22-597	-	-	-	-	-	0.114775	0.114775	0	0	28	3.213691	Averaged	1	11.869936	Moderate Impact	28
WT-22-598	-	-	-	-	-	0.283853	0.283853	0	0	27	7.664033	Averaged	1	11.869936	Moderate Impact	27
WT-22-599	-	-	-	-	-	0.541302	0.541302	0	0	27	14.615156	Averaged	1	0	Moderate Impact	27
WT-22-600	-	-	-	-	-	0.734103	0.734103	0	0	27	19.820783	Averaged	1	1.163533	Moderate Impact	27
WT-22-605	-	-	-	-	-	0.139036	0.139036	0	0	27	3.753973	Averaged	1	0	Moderate Impact	27
WT-22-606	-	-	-	-	-	0.160085	0.160085	0	0	28	4.482392	Averaged	1	0	Moderate Impact	28
WT-22-608	-	-	-	-	-	0.508634	0.508634	0	0	28	14.241755	Averaged	1	0	Moderate Impact	28
WT-22-609	-	-	-	-	-	0.064115	0.064115	0	0	28	1.795212	Averaged	1	0	Moderate Impact	28
WT-22-610	-	-	-	-	-	0.165268	0.165268	0	0	28	4.627505	Averaged	1	0	Moderate Impact	28
WT-22-615	-	-	-	-	-	0.149385	0.149385	0	0	28	4.182777	Averaged	1	11.869936	Moderate Impact	28
WT-22-616	-	-	-	-	-	0.51157	0.51157	0	0	27	13.812379	Averaged	1	79.566642	Moderate Impact	27
WT-22-617	-	-	-	-	-	1.52816	1.510379	1.163533	0.017781	27	41.260313	Averaged	1	79.566642	Moderate Impact	27
WT-22-618	-	-	-	-	-	0.573536	0.117193	79.566642	0.456343	26	14.911932	Averaged	1	79.566642	High Impact	0
WT-22-619A	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.439924	0	100	0.439924	24	10.558177	Calculated	1	100	High Impact	0
WT-22-619B	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.270886	0	100	0.270886	25	6.772153	Calculated	1	100	High Impact	0
WT-22-620	Low (1)	High (3)	Low (1)	Functioning (4)	Low (1)	0.222668	0.222668	0	0	24	5.344033	Calculated	1	0	Moderate Impact	24
WT-22-622	-	-	-	-	-	4.526414	4.526414	0	0	27	122.21319	Averaged	1	0	Moderate Impact	27
WT-22-623A	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.126646	0	100	0.126646	26	3.292803	Calculated	1	100	High Impact	0
WT-22-623B	-	-	-	-	-	0.183952	0	100	0.183952	28	5.150642	Averaged	1	100	High Impact	0
WT-22-623C	-	-	-	-	-	0.080966	0	100	0.080966	27	2.186081	Averaged	1	100	High Impact	0
WT-22-623D	-	-	-	-	-	0.17046	0	100	0.17046	27	4.602424	Averaged	1	100	High Impact	0
WT-22-624	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.150483	0	100	0.150483	27	4.063037	Calculated	1	100	High Impact	0
WT-22-625	-	-	-	-	-	0.218582	0	100	0.218582	28	6.120296	Averaged	1	100	High Impact	0
WT-22-626	-	-	-	-	-	0.233096	0.086433	62.919445	0.146663	27	6.293594	Averaged	1	96.301541	High Impact	0
WT-22-627	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.124259	0.004596	96.301541	0.119663	27	3.354983	Calculated	1	96.301541	High Impact	0
WT-22-628	-	-	-	-	-	0.076199	0.076199	0	0	30	2.285983	Averaged	1	84.345195	Moderate Impact	30
WT-22-629	Low (1)	High (3)	High (3)	Functioning (4)	Low (1)	0.094275	0	100	0.094275	28	2.639707	Calculated	1	84.345195	High Impact	0
WT-22-631	-	-	-	-	-	0.378203	0.059207	84.345195	0.318996	27	10.211492	Averaged	1	100	High Impact	0
WT-22-632	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.283678	0.283678	0	0	27	7.659316	Calculated	1	84.345195	Moderate Impact	27
WT-22-635	Low (1)	High (3)	Low (1)	Functioning (4)	Low (1)	1.108229	0.60887	45.059206	0.499359	25	27.705725	Calculated	1	0	Moderate Impact	25
WT-22-636	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.237482	0.237482	0	0	25	5.937057	Calculated	1	0	Moderate Impact	25
WT-22-638	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	1.431479	1.431479	0	0	27	38.649936	Calculated	1	92.264851	Moderate Impact	27
WT-22-639A	-	-	-	-	-	0.102257	0.102257	0	0	28	2.8632	Averaged	1	0	Moderate Impact	28
WT-22-639B	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.358463	0.358463	0	0	26	9.32003	Calculated	1	0	Moderate Impact	26
WT-22-641	-	-	-	-	-	0.458051	0	100	0.458051	29	13.28349	Averaged	1	100	High Impact	0
WT-22-642	-	-	-	-	-	1.851132	0	100	1.851132	26	48.129421	Averaged	1	100	High Impact	0
WT-22-643	-	-	-	-	-	0.567229	0	100	0.567229	26	14.747948	Averaged	1	100	High Impact	0
WT-22-644	-	-	-	-	-	1.194329	0	100	1.194329	26	31.052559	Averaged	1	100	High Impact	0
WT-22-645	-	-	-	-	-	1.179746	0	100	1.179746	26	30.673389	Averaged	1	100	High Impact	0
WT-22-650	-	-	-	-	-	0.322214	0.052095	83.832285	0.270119	29	9.344211	Averaged	1	83.832285	High Impact	0
WT-22-652	Low (1)	High (3)	Low (1)	Functioning (4)	Low (1)	0.356792	0.356792	0	0	26	9.27659	Calculated	1	0	Moderate Impact	26
WT-22-655	-	-	-	-	-	0.227234	0.121567	46.501615	0.105668	26	5.908095	Averaged	1	80.085618	Moderate Impact	26
WT-22-657	-	-	-	-	-	0.452288	0.091585	79.750703	0.360702	26	11.759475	Averaged	1	79.750703	High Impact	0

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-581	3.971228	0	0	0	0	0	0	0	0	0	0	-124.9209326	53.18276172
WT-22-582	1.270214	0	0	0	0	0	0	0	0	0	0	-124.9228181	53.18311599
WT-22-584	43.242307	0	0	0	0	0	0	0	0	0	0	-124.8247493	53.19283036
WT-22-585	31.804629	0	0	0	0	0	0	0	0	0	0	-124.8376601	53.17998854
WT-22-586	3.522757	0	0	0	0	0	0	0	0	0	0	-124.8439328	53.17912784
WT-22-587A	27.74861	0	0	0	0	0	0	0	0	0	0	-124.841629	53.17895176
WT-22-587B	10.973345	0	0	0	0	0	0	0	0	0	0	-124.8394505	53.17881602
WT-22-588	12.894519	0	0	0	0	0	0	0	0	0	0	-124.8502347	53.17903155
WT-22-592A	9.830868	0	0	0	0	0	0	0	0	0	0	-124.847684	53.17537375
WT-22-592B	3.155242	0	0	0	0	0	0	0	0	0	0	-124.8472803	53.17527019
WT-22-594	0	0.091433	11.456812	0.798066	99.999971	17.665837	2.285831	19.951668	88.543159	11.456841	100	-124.859672	53.17846249
WT-22-595	10.68975	0	0	0	0	0	0	0	0	0	0	-124.8902159	53.1821958
WT-22-596	17.336911	0	0	0	0	0	0	0	0	0	0	-124.8916083	53.18153277
WT-22-597	3.213691	0	0	0	0	0	0	0	0	0	0	-124.8934528	53.1808511
WT-22-598	7.664033	0	0	0	0	0	0	0	0	0	0	-124.8927208	53.18076751
WT-22-599	14.615156	0	0	0	0	0	0	0	0	0	0	-124.8893121	53.18207424
WT-22-600	19.820783	0	0	0	0	0	0	0	0	0	0	-124.8915863	53.18126914
WT-22-605	3.753973	0	0	0	0	0	0	0	0	0	0	-124.8900918	53.17975619
WT-22-606	4.482392	0	0	0	0	0	0	0	0	0	0	-124.8906557	53.17978009
WT-22-608	14.241755	0	0	0	0	0	0	0	0	0	0	-124.8891501	53.18011458
WT-22-609	1.795212	0	0	0	0	0	0	0	0	0	0	-124.8886839	53.17955469
WT-22-610	4.627505	0	0	0	0	0	0	0	0	0	0	-124.8878101	53.17957168
WT-22-615	4.182777	0	0	0	0	0	0	0	0	0	0	-124.8968761	53.18081074
WT-22-616	13.812379	0	0	0	0	0	0	0	0	0	0	-124.8980082	53.18073137
WT-22-617	40.780235	0	0	0.017781	1.163533	0.480078	0	0.480078	1.163533	0	1.163533	-124.8949952	53.18067667
WT-22-618	0	0.117193	20.433422	0.573536	100	11.864924	3.047009	14.911932	79.566642	20.433358	100	-124.8977638	53.17960107
WT-22-619A	0	0	0	0.439924	100	10.558177	0	10.558177	100	0	100	-124.8837664	53.18096554
WT-22-619B	0	0	0	0.270886	100	6.772153	0	6.772153	100	0	100	-124.8830288	53.18091434
WT-22-620	5.344033	0	0	0	0	0	0	0	0	0	0	-124.8846161	53.18431187
WT-22-622	122.21319	0	0	0	0	0	0	0	0	0	0	-124.8878699	53.18146661
WT-22-623A	0	0	0	0.126646	100	3.292803	0	3.292803	100	0	100	-124.8783267	53.18019663
WT-22-623B	0	0	0	0.183952	100	5.150642	0	5.150642	100	0	100	-124.8784238	53.17989787
WT-22-623C	0	0	0	0.080966	100	2.186081	0	2.186081	100	0	100	-124.8777115	53.18007783
WT-22-623D	0	0	0	0.17046	100	4.602424	0	4.602424	100	0	100	-124.8789129	53.1798109
WT-22-624	0	0	0	0.150483	100	4.063037	0	4.063037	100	0	100	-124.8773837	53.18058136
WT-22-625	0	0	0	0.218582	100	6.120296	0	6.120296	100	0	100	-124.8813347	53.18218674
WT-22-626	0	0.086433	37.080416	0.233096	99.999861	3.959895	2.3337	6.293594	62.919445	37.080555	100	-124.8812858	53.18696036
WT-22-627	0	0.004596	3.698737	0.124259	100	3.2309	0.124083	3.354983	96.301541	3.698459	100	-124.8811999	53.18686685
WT-22-628	2.285983	0	0	0	0	0	0	0	0	0	0	-124.8804774	53.18769557
WT-22-629	0	0	0	0.094275	100	2.639707	0	2.639707	100	0	100	-124.8791239	53.18915042
WT-22-631	0	0.059207	15.654803	0.378203	99.999997	8.612903	1.598589	10.211492	84.345195	15.654805	100	-124.8805596	53.1886492
WT-22-632	7.659316	0	0	0	0	0	0	0	0	0	0	-124.8817369	53.18849153
WT-22-635	15.221745	0	0	0.499359	45.059206	12.48398	0	12.48398	45.059206	0	45.059206	-124.8773734	53.18626653
WT-22-636	5.937057	0	0	0	0	0	0	0	0	0	0	-124.865458	53.20397611
WT-22-638	38.649936	0	0	0	0	0	0	0	0	0	0	-124.86683	53.20331057
WT-22-639A	2.8632	0	0	0	0	0	0	0	0	0	0	-124.8652251	53.20489811
WT-22-639B	9.32003	0	0	0	0	0	0	0	0	0	0	-124.8654449	53.20481944
WT-22-641	0	0	0	0.458051	100	13.28349	0	13.28349	100	0	100	-124.8686036	53.20654069
WT-22-642	0	0	0	1.851132	100	48.129421	0	48.129421	100	0	100	-124.8707705	53.20509349
WT-22-643	0	0	0	0.567229	100	14.747948	0	14.747948	100	0	100	-124.8660564	53.20640256
WT-22-644	0	0	0	1.194329	100	31.052559	0	31.052559	100	0	100	-124.8579051	53.21310349
WT-22-645	0	0	0	1.179746	100	30.673389	0	30.673389	100	0	100	-124.8615379	53.21100968
WT-22-650	0	0.052095	16.167818	0.322214	100	7.833465	1.510745	9.344211	83.832285	16.167715	100	-124.8795765	53.19955087
WT-22-652	9.27659	0	0	0	0	0	0	0	0	0	0	-124.8848223	53.19927152
WT-22-655	3.160736	0	0	0.105668	46.501615	2.74736	0	2.74736	46.501615	0	46.501615	-124.8944494	53.19736233
WT-22-657	0	0.091585	20.249288	0.452287	99.999991	9.378264	2.381211	11.759475	79.750703	20.249297	100	-124.8907511	53.19673012

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-658	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-659	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-660	Bog	Wb08	Mine Site	Mine Site	SP	TS4B	full	WT-22-660	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-661	Swamp	Ws04	Mine Site	Mine Site	TSF	MDD	full	WT-22-661	Moderate (2)	High (3)	Low (1)	Moderate (2)	High (3)	High (3)	High (3)
WT-22-662A	Marsh	Wm01	Mine Site	Mine Site	RD	HHR	-	-	-	-	-	-	-	-	-
WT-22-662B	Swamp	Ws07	Mine Site	Mine Site	RD	HHR	full (partial)	-	-	-	-	-	-	-	-
WT-22-663	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-664A	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-664B	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-664C	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-665A	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-665B	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-669	Bog	Wb05	Mine Site	Mine Site	WD	-	full	WT-22-669	Low (1)	Low (1)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)
WT-22-670	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-671	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-672	Fen	Wf04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-673	Marsh	Wm00	Mine Site	Mine Site	PS	-	full	WT-22-673	Moderate (2)	High (3)	High (3)	Low (1)	Low (1)	High (3)	High (3)
WT-22-674A	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-674B	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-676	Marsh	Wm01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-677	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-687	Fen	Wf03	Mine Site	-	-	-	full	WT-22-687	Moderate (2)	High (3)	High (3)	Low (1)	Moderate (2)	Moderate (2)	High (3)
WT-22-700	Swamp	Ws00	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-701	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-702	Swamp	Ws00	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-703	Swamp	Ws00	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-704	Bog	Wb11	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-705	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-706	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-707	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-708	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-709	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-710	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-711	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-712	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-713	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-714	Swamp	Ws07	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-715	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-716	SOW	Ww	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-717	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-718	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-719	Swamp	Ws07	Outside Y23 Footprint	Mine Site	O	Esker	-	-	-	-	-	-	-	-	-
WT-22-720	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-721	Bog	Wb08	Outside Y23 Footprint	Mine Site	O	15/16DIV	-	-	-	-	-	-	-	-	-
WT-22-722	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-724	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-725	Bog	Wb01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-726	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-727	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-728	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-729	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-730	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-731-DI	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-731A	Swamp	Ws05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-731B	Swamp	Ws05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-732	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-658	-	-	-	-	-	0.535627	0.535627	0	0	27	14.461918	Averaged	0	0.347806	No Impact	27
WT-22-659	-	-	-	-	-	0.542756	0.542756	0	0	27	14.654416	Averaged	0	0.347806	No Impact	27
WT-22-660	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	1.08726	1.019684	6.215292	0.067576	27	29.356017	Calculated	1	6.215292	Moderate Impact	27
WT-22-661	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.083242	0	100	0.083242	29	2.414032	Calculated	1	100	High Impact	0
WT-22-662A	-	-	-	-	-	0.332792	0.208981	37.203543	0.12381	29	9.65096	Averaged	1	12.701404	Moderate Impact	29
WT-22-662B	-	-	-	-	-	1.065817	0.930443	12.701404	0.135374	26	27.711232	Averaged	0	37.203543	Moderate Impact	26
WT-22-663	-	-	-	-	-	2.127181	2.127181	0	0	26	55.306705	Averaged	0	0	No Impact	26
WT-22-664A	-	-	-	-	-	2.410279	2.410279	0	0	27	65.077546	Averaged	0	0	No Impact	27
WT-22-664B	-	-	-	-	-	0.26389	0.26389	0	0	28	7.388932	Averaged	0	0	No Impact	28
WT-22-664C	-	-	-	-	-	1.12676	1.12676	0	0	26	29.295757	Averaged	0	0	No Impact	26
WT-22-665A	-	-	-	-	-	0.049557	0.049557	0	0	29	1.437161	Averaged	0	0	No Impact	29
WT-22-665B	-	-	-	-	-	0.01848	0.01848	0	0	30	0.554396	Averaged	0	0	No Impact	30
WT-22-669	Low (1)	High (3)	Low (1)	Functioning (4)	Low (1)	0.251835	0	100	0.251835	25	6.295871	Calculated	1	100	High Impact	0
WT-22-670	-	-	-	-	-	0.333253	0.333253	0	0	27	8.997829	Averaged	0	36.606251	No Impact	27
WT-22-671	-	-	-	-	-	0.258751	0.258751	0	0	27	6.986283	Averaged	0	0	No Impact	27
WT-22-672	-	-	-	-	-	0.223547	0.223547	0	0	28	6.259324	Averaged	1	0	Moderate Impact	28
WT-22-673	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.06516	0	100	0.06516	28	1.824472	Calculated	1	100	High Impact	0
WT-22-674A	-	-	-	-	-	0.478392	0.478392	0	0	26	12.438191	Averaged	0	6.215292	No Impact	26
WT-22-674B	-	-	-	-	-	0.0557	0.0557	0	0	29	1.6153	Averaged	0	0	No Impact	29
WT-22-676	-	-	-	-	-	0.05057	0.05057	0	0	29	1.466531	Averaged	1	0	Moderate Impact	29
WT-22-677	-	-	-	-	-	0.039445	0.039445	0	0	29	1.143896	Averaged	0	0	No Impact	29
WT-22-687	Low (1)	High (3)	Low (1)	Functioning (4)	High (3)	0.119005	0.119005	0	0	28	3.332128	Calculated	1	0	Moderate Impact	28
WT-22-700	-	-	-	-	-	0.127615	0.127615	0	0	26	3.317986	Averaged	0	0	No Impact	26
WT-22-701	-	-	-	-	-	0.129264	0.117901	8.790445	0.011363	26	3.360871	Averaged	0	0	Low Impact	26
WT-22-702	-	-	-	-	-	0.528203	0.528203	0	0	26	13.733281	Averaged	0	0	No Impact	26
WT-22-703	-	-	-	-	-	0.357384	0.357384	0	0	26	9.291976	Averaged	0	0	No Impact	26
WT-22-704	-	-	-	-	-	10.028585	10.028585	0	0	27	270.771789	Averaged	0	0	No Impact	27
WT-22-705	-	-	-	-	-	0.902866	0.902866	0	0	28	25.28024	Averaged	0	0	No Impact	28
WT-22-706	-	-	-	-	-	21.598816	21.598816	0	0	27	583.168042	Averaged	0	0	No Impact	27
WT-22-707	-	-	-	-	-	0.155913	0.155913	0	0	29	4.521467	Averaged	0	0	No Impact	29
WT-22-708	-	-	-	-	-	0.112393	0.112393	0	0	30	3.371801	Averaged	0	0	No Impact	30
WT-22-709	-	-	-	-	-	3.062586	3.062586	0	0	30	91.877568	Averaged	0	0	No Impact	30
WT-22-710	-	-	-	-	-	3.019801	3.019801	0	0	28	84.554415	Averaged	0	0	No Impact	28
WT-22-711	-	-	-	-	-	3.765673	3.765673	0	0	27	101.673161	Averaged	0	0	No Impact	27
WT-22-712	-	-	-	-	-	2.049057	2.049057	0	0	30	61.471703	Averaged	0	0	No Impact	30
WT-22-713	-	-	-	-	-	2.180847	2.180847	0	0	30	65.425408	Averaged	0	0	No Impact	30
WT-22-714	-	-	-	-	-	0.841641	0.841641	0	0	26	21.882665	Averaged	0	0	No Impact	26
WT-22-715	-	-	-	-	-	0.244086	0.244086	0	0	30	7.322577	Averaged	0	0	No Impact	30
WT-22-716	-	-	-	-	-	0.160379	0.160379	0	0	30	4.811379	Averaged	0	0	No Impact	30
WT-22-717	-	-	-	-	-	9.441094	9.441094	0	0	27	254.909529	Averaged	0	1.174378	No Impact	27
WT-22-718	-	-	-	-	-	1.450477	1.450477	0	0	27	39.162866	Averaged	0	1.174378	No Impact	27
WT-22-719	-	-	-	-	-	6.811869	6.790499	0.313723	0.02137	26	177.108606	Averaged	0	1.174378	Low Impact	26
WT-22-720	-	-	-	-	-	0.191796	0.191796	0	0	28	5.370288	Averaged	0	0	No Impact	28
WT-22-721	-	-	-	-	-	0.255901	0	100	0.255901	27	6.909327	Averaged	1	0	High Impact	0
WT-22-722	-	-	-	-	-	0.426555	0.426555	0	0	30	12.796642	Averaged	0	0	No Impact	30
WT-22-724	-	-	-	-	-	0.118111	0.118111	0	0	27	3.188985	Averaged	0	0	No Impact	27
WT-22-725	-	-	-	-	-	2.165367	2.165367	0	0	27	58.464904	Averaged	0	0	No Impact	27
WT-22-726	-	-	-	-	-	3.649276	3.649276	0	0	26	94.881164	Averaged	0	0	No Impact	26
WT-22-727	-	-	-	-	-	2.265757	2.265757	0	0	26	58.909676	Averaged	0	0	No Impact	26
WT-22-728	-	-	-	-	-	1.636094	1.636094	0	0	26	42.538444	Averaged	0	0	No Impact	26
WT-22-729	-	-	-	-	-	2.725185	2.725185	0	0	26	70.85481	Averaged	0	0	No Impact	26
WT-22-730	-	-	-	-	-	0.077867	0.077867	0	0	26	2.024531	Averaged	0	0	No Impact	26
WT-22-731-DI	-	-	-	-	-	0.364616	0.364616	0	0	30	10.938488	Averaged	0	0	No Impact	30
WT-22-731A	-	-	-	-	-	22.84202	22.84202	0	0	26	593.892527	Averaged	0	0	No Impact	26
WT-22-731B	-	-	-	-	-	2.54698	2.54698	0	0	26	66.221473	Averaged	0	0	No Impact	26
WT-22-732	-	-	-	-	-	0.463024	0.463024	0	0	27	12.501645	Averaged	0	0	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-658	14.461918	0	0	0	0	0	0	0	0	0	0	-124.8506672	53.18007921
WT-22-659	14.654416	0	0	0	0	0	0	0	0	0	0	-124.8496247	53.18068112
WT-22-660	27.531455	0	0	0.067576	6.215292	1.824562	0	1.824562	6.215292	0	6.215292	-124.839948	53.21536534
WT-22-661	0	0	0	0.083242	100	2.414032	0	2.414032	100	0	100	-124.8452641	53.20762878
WT-22-662A	6.060461	0	0	0.12381	37.203543	3.590499	0	3.590499	37.203543	0	37.203543	-124.8557236	53.1963347
WT-22-662B	24.191516	0	0	0.135374	12.701404	3.519715	0	3.519715	12.701404	0	12.701404	-124.8538639	53.19736668
WT-22-663	55.306705	0	0	0	0	0	0	0	0	0	0	-124.8256657	53.19905783
WT-22-664A	65.077546	0	0	0	0	0	0	0	0	0	0	-124.8276706	53.19713491
WT-22-664B	7.388932	0	0	0	0	0	0	0	0	0	0	-124.8238926	53.19740125
WT-22-664C	29.295757	0	0	0	0	0	0	0	0	0	0	-124.8265304	53.19656935
WT-22-665A	1.437161	0	0	0	0	0	0	0	0	0	0	-124.8342911	53.20692883
WT-22-665B	0.554396	0	0	0	0	0	0	0	0	0	0	-124.8342752	53.20694784
WT-22-669	0	0	0	0.251835	100	6.295871	0	6.295871	100	0	100	-124.8501204	53.20247194
WT-22-670	8.997829	0	0	0	0	0	0	0	0	0	0	-124.8776798	53.21867853
WT-22-671	6.986283	0	0	0	0	0	0	0	0	0	0	-124.8753415	53.22060936
WT-22-672	6.259324	0	0	0	0	0	0	0	0	0	0	-124.8639776	53.18703237
WT-22-673	0	0	0	0.06516	100	1.824472	0	1.824472	100	0	100	-124.8558133	53.18330297
WT-22-674A	12.438191	0	0	0	0	0	0	0	0	0	0	-124.841676	53.21618683
WT-22-674B	1.6153	0	0	0	0	0	0	0	0	0	0	-124.8426794	53.2155829
WT-22-676	1.466531	0	0	0	0	0	0	0	0	0	0	-124.8710582	53.21473798
WT-22-677	1.143896	0	0	0	0	0	0	0	0	0	0	-124.9202098	53.18365607
WT-22-687	3.332128	0	0	0	0	0	0	0	0	0	0	-124.8700579	53.20076189
WT-22-700	3.317986	0	0	0	0	0	0	0	0	0	0	-125.0118736	54.07453912
WT-22-701	3.065435	0	0	0.011363	8.790445	0.295436	0	0.295436	8.790445	0	8.790445	-124.8651113	53.97010651
WT-22-702	13.733281	0	0	0	0	0	0	0	0	0	0	-125.0034624	54.07037815
WT-22-703	9.291976	0	0	0	0	0	0	0	0	0	0	-125.0035493	54.07215496
WT-22-704	270.771789	0	0	0	0	0	0	0	0	0	0	-124.8069778	53.26946958
WT-22-705	25.28024	0	0	0	0	0	0	0	0	0	0	-124.8248704	53.28124452
WT-22-706	583.168042	0	0	0	0	0	0	0	0	0	0	-124.8254946	53.26441649
WT-22-707	4.521467	0	0	0	0	0	0	0	0	0	0	-124.8566196	53.26590628
WT-22-708	3.371801	0	0	0	0	0	0	0	0	0	0	-124.8541165	53.26538904
WT-22-709	91.877568	0	0	0	0	0	0	0	0	0	0	-124.8164486	53.24733255
WT-22-710	84.554415	0	0	0	0	0	0	0	0	0	0	-124.8161201	53.24711677
WT-22-711	101.673161	0	0	0	0	0	0	0	0	0	0	-124.8188878	53.24067433
WT-22-712	61.471703	0	0	0	0	0	0	0	0	0	0	-124.8206518	53.2408111
WT-22-713	65.425408	0	0	0	0	0	0	0	0	0	0	-124.8166279	53.24060911
WT-22-714	21.882665	0	0	0	0	0	0	0	0	0	0	-124.8140151	53.24091237
WT-22-715	7.322577	0	0	0	0	0	0	0	0	0	0	-124.8210078	53.23379343
WT-22-716	4.811379	0	0	0	0	0	0	0	0	0	0	-124.826044	53.23095729
WT-22-717	254.909529	0	0	0	0	0	0	0	0	0	0	-124.8331522	53.23370475
WT-22-718	39.162866	0	0	0	0	0	0	0	0	0	0	-124.8385013	53.23210985
WT-22-719	176.552975	0	0	0.02137	0.313723	0.555631	0	0.555631	0.313723	0	0.313723	-124.8428522	53.23125143
WT-22-720	5.370288	0	0	0	0	0	0	0	0	0	0	-124.8137979	53.20736596
WT-22-721	0	0	0	0.255901	100	6.909327	0	6.909327	100	0	100	-124.9362923	53.17841897
WT-22-722	12.796642	0	0	0	0	0	0	0	0	0	0	-124.9310718	53.17929073
WT-22-724	3.188985	0	0	0	0	0	0	0	0	0	0	-124.8137226	53.20670134
WT-22-725	58.464904	0	0	0	0	0	0	0	0	0	0	-124.7882987	53.30295001
WT-22-726	94.881164	0	0	0	0	0	0	0	0	0	0	-124.7907316	53.3021011
WT-22-727	58.909676	0	0	0	0	0	0	0	0	0	0	-124.7794668	53.33261211
WT-22-728	42.538444	0	0	0	0	0	0	0	0	0	0	-124.7766979	53.3327557
WT-22-729	70.85481	0	0	0	0	0	0	0	0	0	0	-124.7742388	53.33214758
WT-22-730	2.024531	0	0	0	0	0	0	0	0	0	0	-124.7747387	53.3329016
WT-22-731-DI	10.938488	0	0	0	0	0	0	0	0	0	0	-124.7770218	53.33636254
WT-22-731A	593.892527	0	0	0	0	0	0	0	0	0	0	-124.7813362	53.33584205
WT-22-731B	66.221473	0	0	0	0	0	0	0	0	0	0	-124.7744593	53.33419664
WT-22-732	12.501645	0	0	0	0	0	0	0	0	0	0	-124.9216165	53.18528339

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-733	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-734	Swamp	Ws08	Mine Site	Mine Site	SP	LGO SP	full	WT-22-455	Moderate (2)	Low (1)	Low (1)	Moderate (2)	Low (1)	High (3)	High (3)
WT-22-735	Bog	Wb08	Mine Site	Mine Site	O	NCC	-	-	-	-	-	-	-	-	-
WT-22-736	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-737	Swamp	Ws08	Mine Site	-	-	-	full (partial)	-	-	-	-	-	-	-	-
WT-22-738	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-739	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-740	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-741	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-742	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-742-D1	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-742-D2	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-742-D3	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-743	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-744	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-745	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-746	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-747	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-748	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-749	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-750	Swamp	Ws02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-751	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-752	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-753	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-754	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-755	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-756	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-757	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-758	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-759	Swamp	Ws04	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-760	Fen	Wf02	Outside Y23 Footprint	TL	TL	TL tower	full (partial)	-	-	-	-	-	-	-	-
WT-22-761	Bog	Wb05	Outside Y23 Footprint	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-762A	Bog	Wb05	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-762B	Bog	Wb05	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-762C	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-763	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-764	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-765	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-766	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-767	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-768	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-769	Marsh	Wm01	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-770	Fen	Wf02	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-771	Marsh	Wm01	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-772	Marsh	Wm01	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-773	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-774	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-775	Swamp	Ws00	Outside Y23 Footprint	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-776	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-777	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-778	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-779	Bog	Wb05	Outside Y23 Footprint	Mine Site	O	Esker	-	-	-	-	-	-	-	-	-
WT-22-780A	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-780B	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-781	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-782	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-733	-	-	-	-	-	1.254943	1.254943	0	0	27	33.88346	Averaged	0	0	No Impact	27
WT-22-734	Low (1)	High (3)	Low (1)	At Risk (3)	High (3)	0.199693	0	100	0.199693	24	4.792635	Calculated	1	100	High Impact	0
WT-22-735	-	-	-	-	-	0.578164	0.561695	2.84854	0.016469	27	15.61043	Averaged	1	2.84854	Moderate Impact	27
WT-22-736	-	-	-	-	-	0.165076	0.165076	0	0	26	4.291982	Averaged	1	0	Moderate Impact	26
WT-22-737	-	-	-	-	-	0.945218	0.945218	0	0	26	24.575668	Averaged	1	0	Moderate Impact	26
WT-22-738	-	-	-	-	-	0.543023	0.543023	0	0	29	15.74767	Averaged	0	0	No Impact	29
WT-22-739	-	-	-	-	-	0.066885	0.066885	0	0	26	1.739011	Averaged	0	0	No Impact	26
WT-22-740	-	-	-	-	-	2.680448	2.680448	0	0	27	72.372099	Averaged	0	0	No Impact	27
WT-22-741	-	-	-	-	-	0.8086	0.8086	0	0	26	21.023607	Averaged	0	0	No Impact	26
WT-22-742	-	-	-	-	-	157.234645	157.234645	0	0	27	4245.335416	Averaged	0	12.355216	No Impact	27
WT-22-742-D1	-	-	-	-	-	3.417677	3.417677	0	0	26	88.859602	Averaged	0	0	No Impact	26
WT-22-742-D2	-	-	-	-	-	0.356496	0.356496	0	0	26	9.268908	Averaged	0	0	No Impact	26
WT-22-742-D3	-	-	-	-	-	0.304926	0.304926	0	0	27	8.232994	Averaged	0	0	No Impact	27
WT-22-743	-	-	-	-	-	2.333431	2.333431	0	0	26	60.669201	Averaged	0	0	No Impact	26
WT-22-744	-	-	-	-	-	2.568363	2.568363	0	0	26	66.77744	Averaged	0	0	No Impact	26
WT-22-745	-	-	-	-	-	0.542881	0.542881	0	0	26	14.114909	Averaged	0	0	No Impact	26
WT-22-746	-	-	-	-	-	0.143095	0.143095	0	0	26	3.720475	Averaged	0	0	No Impact	26
WT-22-747	-	-	-	-	-	0.540009	0.540009	0	0	26	14.040234	Averaged	0	0	No Impact	26
WT-22-748	-	-	-	-	-	0.394651	0.394651	0	0	26	10.260916	Averaged	0	0	No Impact	26
WT-22-749	-	-	-	-	-	1.954066	1.954066	0	0	26	50.80571	Averaged	0	0	No Impact	26
WT-22-750	-	-	-	-	-	3.121119	3.121119	0	0	26	81.149097	Averaged	0	0	No Impact	26
WT-22-751	-	-	-	-	-	0.078335	0.078335	0	0	26	2.036711	Averaged	0	0	No Impact	26
WT-22-752	-	-	-	-	-	0.108199	0.108199	0	0	28	3.029574	Averaged	0	0	No Impact	28
WT-22-753	-	-	-	-	-	0.134126	0.134126	0	0	26	3.487268	Averaged	0	0	No Impact	26
WT-22-754	-	-	-	-	-	0.105939	0.105939	0	0	26	2.754411	Averaged	0	0	No Impact	26
WT-22-755	-	-	-	-	-	0.287074	0.261897	8.770149	0.025177	26	7.463922	Averaged	0	0	Low Impact	26
WT-22-756	-	-	-	-	-	3.080538	3.080538	0	0	26	80.093982	Averaged	0	8.770149	No Impact	26
WT-22-757	-	-	-	-	-	5.482769	5.387432	1.738842	0.095337	26	142.551986	Averaged	0	0	Low Impact	26
WT-22-758	-	-	-	-	-	1.415638	1.255638	11.302328	0.16	26	36.806578	Averaged	0	11.302328	Moderate Impact	26
WT-22-759	-	-	-	-	-	0.481235	0.481235	0	0	26	12.512112	Averaged	0	0	No Impact	26
WT-22-760	-	-	-	-	-	1.244596	1.243097	0.120441	0.001499	28	34.8487	Averaged	0	0.120441	Low Impact	28
WT-22-761	-	-	-	-	-	6.263251	6.048528	3.428309	0.214724	27	169.10778	Averaged	0	0.120441	Low Impact	27
WT-22-762A	-	-	-	-	-	0.258798	0.258798	0	0	27	6.987542	Averaged	0	0	No Impact	27
WT-22-762B	-	-	-	-	-	2.169986	2.148238	1.002208	0.021748	27	58.589612	Averaged	0	2.938035	Low Impact	27
WT-22-762C	-	-	-	-	-	0.092279	0.089568	2.938035	0.002711	26	2.399261	Averaged	0	2.938035	Low Impact	26
WT-22-763	-	-	-	-	-	2.617159	2.599535	0.673402	0.017624	26	68.046141	Averaged	0	2.938035	Low Impact	26
WT-22-764	-	-	-	-	-	0.193446	0.193446	0	0	26	5.029595	Averaged	0	0	No Impact	26
WT-22-765	-	-	-	-	-	1.655812	1.648164	0.461865	0.007648	26	43.051105	Averaged	0	0	Low Impact	26
WT-22-766	-	-	-	-	-	6.351686	6.351686	0	0	28	177.847215	Averaged	0	0	No Impact	28
WT-22-767	-	-	-	-	-	0.840648	0.840648	0	0	26	21.856856	Averaged	0	0	No Impact	26
WT-22-768	-	-	-	-	-	1.417874	1.417874	0	0	26	36.864714	Averaged	0	0	No Impact	26
WT-22-769	-	-	-	-	-	0.090507	0.090507	0	0	29	2.624717	Averaged	0	0	No Impact	29
WT-22-770	-	-	-	-	-	5.026279	5.026279	0	0	28	140.735809	Averaged	0	0	No Impact	28
WT-22-771	-	-	-	-	-	0.066702	0.066702	0	0	29	1.934359	Averaged	0	0	No Impact	29
WT-22-772	-	-	-	-	-	0.133296	0.133296	0	0	29	3.865589	Averaged	0	0	No Impact	29
WT-22-773	-	-	-	-	-	0.191588	0.191588	0	0	29	5.556063	Averaged	0	0	No Impact	29
WT-22-774	-	-	-	-	-	0.600073	0.600073	0	0	30	18.002184	Averaged	0	0	No Impact	30
WT-22-775	-	-	-	-	-	0.077308	0.076611	0.901899	0.000697	26	2.010017	Averaged	0	0	Low Impact	26
WT-22-776	-	-	-	-	-	0.035003	0.035003	0	0	30	1.050101	Averaged	0	0	No Impact	30
WT-22-777	-	-	-	-	-	0.148148	0.148148	0	0	26	3.851837	Averaged	0	0	No Impact	26
WT-22-778	-	-	-	-	-	2.4567	2.4567	0	0	27	66.330889	Averaged	0	1.174378	No Impact	27
WT-22-779	-	-	-	-	-	5.991883	5.921516	1.174378	0.070367	27	161.78085	Averaged	0	1.174378	Low Impact	27
WT-22-780A	-	-	-	-	-	0.507498	0.507498	0	0	28	14.209943	Averaged	0	3.19953	No Impact	28
WT-22-780B	-	-	-	-	-	0.339182	0.339182	0	0	26	8.818737	Averaged	0	0	No Impact	26
WT-22-781	-	-	-	-	-	0.484173	0.484173	0	0	27	13.072667	Averaged	0	0.008399	No Impact	27
WT-22-782	-	-	-	-	-	0.678764	0.678764	0	0	27	18.326629	Averaged	0	0	No Impact	27

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-733	33.88346	0	0	0	0	0	0	0	0	0	0	-124.8966008	53.23387419
WT-22-734	0	0	0	0.199693	100	4.792635	0	4.792635	100	0	100	-124.8778708	53.18036048
WT-22-735	15.165761	0	0	0.016469	2.84854	0.444669	0	0.444669	2.84854	0	2.84854	-124.8894894	53.19898903
WT-22-736	4.291982	0	0	0	0	0	0	0	0	0	0	-124.8881589	53.19894292
WT-22-737	24.575668	0	0	0	0	0	0	0	0	0	0	-124.8835723	53.19748276
WT-22-738	15.74767	0	0	0	0	0	0	0	0	0	0	-124.7747614	53.33255599
WT-22-739	1.739011	0	0	0	0	0	0	0	0	0	0	-124.775496	53.33279388
WT-22-740	72.372099	0	0	0	0	0	0	0	0	0	0	-124.7807078	53.33062335
WT-22-741	21.023607	0	0	0	0	0	0	0	0	0	0	-124.7797353	53.33156953
WT-22-742	4245.335416	0	0	0	0	0	0	0	0	0	0	-124.7639332	53.32539475
WT-22-742-DI	88.859602	0	0	0	0	0	0	0	0	0	0	-124.7708891	53.33178702
WT-22-742-DI	9.268908	0	0	0	0	0	0	0	0	0	0	-124.7773202	53.33163548
WT-22-742-DI	8.232994	0	0	0	0	0	0	0	0	0	0	-124.7808472	53.32893507
WT-22-743	60.669201	0	0	0	0	0	0	0	0	0	0	-124.7681045	53.33159306
WT-22-744	66.77744	0	0	0	0	0	0	0	0	0	0	-124.7598941	53.32920176
WT-22-745	14.114909	0	0	0	0	0	0	0	0	0	0	-124.7565952	53.32736458
WT-22-746	3.720475	0	0	0	0	0	0	0	0	0	0	-124.7542578	53.32666804
WT-22-747	14.040234	0	0	0	0	0	0	0	0	0	0	-124.7393502	53.32087739
WT-22-748	10.260916	0	0	0	0	0	0	0	0	0	0	-124.7444883	53.31992416
WT-22-749	50.80571	0	0	0	0	0	0	0	0	0	0	-124.7486635	53.32308934
WT-22-750	81.149097	0	0	0	0	0	0	0	0	0	0	-124.7394182	53.32370744
WT-22-751	2.036711	0	0	0	0	0	0	0	0	0	0	-124.7391081	53.32227241
WT-22-752	3.029574	0	0	0	0	0	0	0	0	0	0	-124.650665	53.34455209
WT-22-753	3.487268	0	0	0	0	0	0	0	0	0	0	-124.6501439	53.3450045
WT-22-754	2.754411	0	0	0	0	0	0	0	0	0	0	-124.6501302	53.34448098
WT-22-755	6.809325	0	0	0.025177	8.770149	0.654597	0	0.654597	8.770149	0	8.770149	-124.5654001	53.42630054
WT-22-756	80.093982	0	0	0	0	0	0	0	0	0	0	-124.5622718	53.42651849
WT-22-757	140.073232	0	0	0.095337	1.738842	2.478754	0	2.478754	1.738842	0	1.738842	-124.5646666	53.51092755
WT-22-758	32.646578	0	0	0.16	11.302328	4.16	0	4.16	11.302328	0	11.302328	-124.5880251	53.53158854
WT-22-759	12.512112	0	0	0	0	0	0	0	0	0	0	-124.5883801	53.53324314
WT-22-760	34.806727	0	0	0.001499	0.120441	0.041972	0	0.041972	0.120441	0	0.120441	-124.5833763	53.54185289
WT-22-761	163.310243	0	0	0.214724	3.428309	5.797537	0	5.797537	3.428309	0	3.428309	-124.5828212	53.54276814
WT-22-762A	6.987542	0	0	0	0	0	0	0	0	0	0	-124.5857071	53.54067896
WT-22-762B	58.002422	0	0	0.021748	1.002208	0.58719	0	0.58719	1.002208	0	1.002208	-124.5808819	53.54583199
WT-22-762C	2.32877	0	0	0.002711	2.938035	0.070491	0	0.070491	2.938035	0	2.938035	-124.5794644	53.54521138
WT-22-763	67.587917	0	0	0.017624	0.673402	0.458224	0	0.458224	0.673402	0	0.673402	-124.5784255	53.54491933
WT-22-764	5.029595	0	0	0	0	0	0	0	0	0	0	-124.6073379	53.56523076
WT-22-765	42.852267	0	0	0.007648	0.461865	0.198838	0	0.198838	0.461865	0	0.461865	-124.610026	53.56581943
WT-22-766	177.847215	0	0	0	0	0	0	0	0	0	0	-124.7473988	53.62379063
WT-22-767	21.856856	0	0	0	0	0	0	0	0	0	0	-124.7386386	53.62404417
WT-22-768	36.864714	0	0	0	0	0	0	0	0	0	0	-124.7376695	53.62138349
WT-22-769	2.624717	0	0	0	0	0	0	0	0	0	0	-124.7653763	53.63427188
WT-22-770	140.735809	0	0	0	0	0	0	0	0	0	0	-124.7970779	53.64976064
WT-22-771	1.934359	0	0	0	0	0	0	0	0	0	0	-124.848745	53.80671404
WT-22-772	3.865589	0	0	0	0	0	0	0	0	0	0	-124.8483766	53.8097816
WT-22-773	5.556063	0	0	0	0	0	0	0	0	0	0	-124.8427486	53.83112472
WT-22-774	18.002184	0	0	0	0	0	0	0	0	0	0	-124.8447792	53.83538317
WT-22-775	1.991889	0	0	0.000697	0.901899	0.018128	0	0.018128	0.901899	0	0.901899	-124.8277243	53.84547525
WT-22-776	1.050101	0	0	0	0	0	0	0	0	0	0	-124.8274473	53.84539745
WT-22-777	3.851837	0	0	0	0	0	0	0	0	0	0	-124.8066304	53.89872489
WT-22-778	66.330889	0	0	0	0	0	0	0	0	0	0	-124.8371257	53.23314806
WT-22-779	159.880932	0	0	0.070367	1.174378	1.899918	0	1.899918	1.174378	0	1.174378	-124.8358413	53.23195698
WT-22-780A	14.209943	0	0	0	0	0	0	0	0	0	0	-124.8089678	53.24984702
WT-22-780B	8.818737	0	0	0	0	0	0	0	0	0	0	-124.9229006	53.19562158
WT-22-781	13.072667	0	0	0	0	0	0	0	0	0	0	-124.7137687	53.59485144
WT-22-782	18.326629	0	0	0	0	0	0	0	0	0	0	-124.7134765	53.59417863

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-783	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-784	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-785	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-786	Bog	Wb05	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-787	Bog	Wb05	Mine Site	Mine Site	O	NDC	-	-	-	-	-	-	-	-	-
WT-22-788	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-789	Swamp	Ws08	Mine Site	Mine Site	RD	LVRoad	-	-	-	-	-	-	-	-	-
WT-22-790	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-791	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-792	Swamp	Ws08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-793	Swamp	Ws08	Mine Site	Mine Site	O	CWTP	-	-	-	-	-	-	-	-	-
WT-22-794	Swamp	Ws08	Mine Site	Mine Site	LI	DisCrdr	-	-	-	-	-	-	-	-	-
WT-22-795	Swamp	Ws08	Mine Site	Mine Site	RD	TS2Rd	full (partial)	-	-	-	-	-	-	-	-
WT-22-796	Swamp	Ws08	Mine Site	Mine Site	SP	LGO SP	-	-	-	-	-	-	-	-	-
WT-22-797	Swamp	Ws08	Mine Site	Mine Site	POND	LGO	-	-	-	-	-	-	-	-	-
WT-22-798	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-799	Swamp	Ws08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-801	Swamp	Ws08	Mine Site	Mine Site	RD	CTrail	-	-	-	-	-	-	-	-	-
WT-22-802	Bog	Wb08	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-803	Swamp	Ws08	Mine Site	Mine Site	O	SCC	-	-	-	-	-	-	-	-	-
WT-22-804	Bog	Wb08	Mine Site	Mine Site	O	SCC	-	-	-	-	-	-	-	-	-
WT-22-805	Fen	Wf01	Mine Site	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-806	Fen	Wf01	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-807	Swamp	Ws07	Mine Access Road	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-808	Bog	Wb08	Outside Y23 Footprint	-	-	-	full (partial)	-	-	-	-	-	-	-	-
WT-22-809	Swamp	Ws07	Transmission Line	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-810	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-811	Swamp	Ws07	Outside Y23 Footprint	TL	TL	TL tower	-	-	-	-	-	-	-	-	-
WT-22-812	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-813	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-814	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-815	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-816	Swamp	Ws07	Transmission Line	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-817	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-818	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-819	SOW	Ww	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-820	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-821	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-822	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-823	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-824	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-825	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-826	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-827	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-828	Fen	Wf08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-829	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-830	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-831	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-832	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-833	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-834	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-835	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-836	Fen	Wf08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-837	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-838	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-839	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-783	-	-	-	-	-	0.278037	0.278037	0	0	26	7.228972	Averaged	0	0	No Impact	26
WT-22-784	-	-	-	-	-	0.096598	0.096598	0	0	26	2.511557	Averaged	0	0	No Impact	26
WT-22-785	-	-	-	-	-	0.18892	0.18892	0	0	26	4.911927	Averaged	0	0	No Impact	26
WT-22-786	-	-	-	-	-	0.355677	0.355677	0	0	27	9.603276	Averaged	0	100	Moderate Impact	27
WT-22-787	-	-	-	-	-	0.128519	0	100	0.128519	27	3.470021	Averaged	1	100	High Impact	0
WT-22-788	-	-	-	-	-	0.400392	0.400392	0	0	26	10.4102	Averaged	0	8.092578	No Impact	26
WT-22-789	-	-	-	-	-	0.135848	0.00179	98.682276	0.134058	26	3.532042	Averaged	1	0	High Impact	0
WT-22-790	-	-	-	-	-	0.144416	0.144416	0	0	26	3.754825	Averaged	0	0	No Impact	26
WT-22-791	-	-	-	-	-	0.459408	0.459408	0	0	26	11.944621	Averaged	0	0	No Impact	26
WT-22-792	-	-	-	-	-	0.182094	0.182094	0	0	26	4.734439	Averaged	0	0	No Impact	26
WT-22-793	-	-	-	-	-	0.830935	0.699033	15.873977	0.131902	26	21.604314	Averaged	0	15.873977	Moderate Impact	26
WT-22-794	-	-	-	-	-	0.392798	0.306196	22.047507	0.086602	26	10.212748	Averaged	0	0	Moderate Impact	26
WT-22-795	-	-	-	-	-	1.597046	1.57677	1.269596	0.020276	26	41.523194	Averaged	0	1.269596	Low Impact	26
WT-22-796	-	-	-	-	-	0.510251	0	100	0.510251	26	13.266523	Averaged	1	100	High Impact	0
WT-22-797	-	-	-	-	-	0.220566	0	100	0.220566	26	5.734711	Averaged	1	100	High Impact	0
WT-22-798	-	-	-	-	-	0.616358	0.616358	0	0	26	16.025321	Averaged	0	0	No Impact	26
WT-22-799	-	-	-	-	-	0.150098	0.150098	0	0	26	3.902541	Averaged	0	0	No Impact	26
WT-22-801	-	-	-	-	-	0.319931	0.082198	74.30755	0.237733	26	8.318199	Averaged	1	74.30755	High Impact	0
WT-22-802	-	-	-	-	-	0.590684	0.590684	0	0	27	15.94846	Averaged	1	60.432781	Moderate Impact	27
WT-22-803	-	-	-	-	-	0.872743	0.34532	60.432781	0.527423	26	22.691321	Averaged	1	60.432781	High Impact	0
WT-22-804	-	-	-	-	-	0.312457	0	100	0.312457	27	8.436327	Averaged	1	0	High Impact	0
WT-22-805	-	-	-	-	-	0.018491	0.018491	0	0	28	0.517744	Averaged	0	0	No Impact	28
WT-22-806	-	-	-	-	-	0.066978	0.066978	0	0	28	1.875395	Averaged	0	0	No Impact	28
WT-22-807	-	-	-	-	-	0.662165	0.662165	0	0	26	17.2163	Averaged	0	3.19953	No Impact	26
WT-22-808	-	-	-	-	-	0.095084	0.095084	0	0	27	2.567275	Averaged	0	0	No Impact	27
WT-22-809	-	-	-	-	-	0.380198	0.368033	3.19953	0.012165	26	9.885146	Averaged	0	3.19953	Low Impact	26
WT-22-810	-	-	-	-	-	0.222535	0.222535	0	0	26	5.785914	Averaged	0	0	No Impact	26
WT-22-811	-	-	-	-	-	0.472621	0.455584	3.604701	0.017037	26	12.288134	Averaged	0	0	Low Impact	26
WT-22-812	-	-	-	-	-	0.049886	0.049886	0	0	26	1.297039	Averaged	0	0	No Impact	26
WT-22-813	-	-	-	-	-	0.152973	0.152973	0	0	28	4.283252	Averaged	0	0	No Impact	28
WT-22-814	-	-	-	-	-	0.811057	0.811057	0	0	28	22.709588	Averaged	0	0	No Impact	28
WT-22-815	-	-	-	-	-	0.488828	0.488828	0	0	26	12.709518	Averaged	0	0	No Impact	26
WT-22-816	-	-	-	-	-	0.34481	0.34481	0	0	26	8.965073	Averaged	0	0	No Impact	26
WT-22-817	-	-	-	-	-	0.401883	0.401883	0	0	26	10.448962	Averaged	0	0	No Impact	26
WT-22-818	-	-	-	-	-	14.706682	14.706682	0	0	26	382.373738	Averaged	0	0	No Impact	26
WT-22-819	-	-	-	-	-	0.730643	0.730643	0	0	30	21.919292	Averaged	0	0	No Impact	30
WT-22-820	-	-	-	-	-	8.517655	8.517655	0	0	27	229.976677	Averaged	0	0	No Impact	27
WT-22-821	-	-	-	-	-	1.61285	1.61285	0	0	26	41.934103	Averaged	0	0	No Impact	26
WT-22-822	-	-	-	-	-	10.46538	10.46538	0	0	27	282.565265	Averaged	0	0	No Impact	27
WT-22-823	-	-	-	-	-	6.647686	6.647686	0	0	27	179.487513	Averaged	0	0	No Impact	27
WT-22-824	-	-	-	-	-	2.395333	2.395333	0	0	26	62.278655	Averaged	0	0	No Impact	26
WT-22-825	-	-	-	-	-	13.603929	13.603929	0	0	27	367.30607	Averaged	0	0	No Impact	27
WT-22-826	-	-	-	-	-	1.172672	1.172672	0	0	27	31.662135	Averaged	0	0	No Impact	27
WT-22-827	-	-	-	-	-	3.488331	3.488331	0	0	27	94.184926	Averaged	0	0	No Impact	27
WT-22-828	-	-	-	-	-	6.169806	6.169806	0	0	28	172.754564	Averaged	0	0	No Impact	28
WT-22-829	-	-	-	-	-	4.79952	4.79952	0	0	27	129.587047	Averaged	0	0	No Impact	27
WT-22-830	-	-	-	-	-	4.275455	4.275455	0	0	26	111.161834	Averaged	0	0	No Impact	26
WT-22-831	-	-	-	-	-	1.454669	1.454669	0	0	27	39.276051	Averaged	0	0	No Impact	27
WT-22-832	-	-	-	-	-	13.6449	13.6449	0	0	26	354.767411	Averaged	0	0	No Impact	26
WT-22-833	-	-	-	-	-	2.523554	2.523554	0	0	30	75.706624	Averaged	0	0	No Impact	30
WT-22-834	-	-	-	-	-	0.250021	0.250021	0	0	30	7.500632	Averaged	0	0	No Impact	30
WT-22-835	-	-	-	-	-	2.58038	2.58038	0	0	27	69.67025	Averaged	0	0	No Impact	27
WT-22-836	-	-	-	-	-	0.962017	0.962017	0	0	28	26.936475	Averaged	0	0	No Impact	28
WT-22-837	-	-	-	-	-	1.165811	1.165811	0	0	30	34.974332	Averaged	0	0	No Impact	30
WT-22-838	-	-	-	-	-	1.576849	1.576849	0	0	30	47.305458	Averaged	0	0	No Impact	30
WT-22-839	-	-	-	-	-	7.072491	7.072491	0	0	26	183.884769	Averaged	0	0	No Impact	26

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-783	7.228972	0	0	0	0	0	0	0	0	0	0	-124.5750539	53.41612481
WT-22-784	2.511557	0	0	0	0	0	0	0	0	0	0	-124.9121609	53.19369288
WT-22-785	4.911927	0	0	0	0	0	0	0	0	0	0	-124.9112298	53.19334417
WT-22-786	9.603276	0	0	0	0	0	0	0	0	0	0	-124.8815842	53.20795701
WT-22-787	0	0	0	0.128519	100	3.470021	0	3.470021	100	0	100	-124.8801194	53.20803737
WT-22-788	10.4102	0	0	0	0	0	0	0	0	0	0	-124.8198729	53.20614107
WT-22-789	0	0.00179	1.317651	0.135848	99.999928	3.4855	0.046543	3.532042	98.682276	1.317724	100	-124.8490881	53.19466504
WT-22-790	3.754825	0	0	0	0	0	0	0	0	0	0	-124.8522154	53.76781937
WT-22-791	11.944621	0	0	0	0	0	0	0	0	0	0	-124.9035176	53.19750061
WT-22-792	4.734439	0	0	0	0	0	0	0	0	0	0	-124.9004652	53.19768824
WT-22-793	18.17485	0	0	0.131902	15.873977	3.429464	0	3.429464	15.873977	0	15.873977	-124.8983902	53.19637251
WT-22-794	7.961092	0	0	0.086602	22.047507	2.251656	0	2.251656	22.047507	0	22.047507	-124.8900882	53.19530713
WT-22-795	40.996017	0	0	0.020276	1.269596	0.527177	0	0.527177	1.269596	0	1.269596	-124.8876629	53.17340935
WT-22-796	0	0	0	0.510251	100	13.266523	0	13.266523	100	0	100	-124.8848989	53.17929959
WT-22-797	0	0	0	0.220566	100	5.734711	0	5.734711	100	0	100	-124.8765197	53.18111802
WT-22-798	16.025321	0	0	0	0	0	0	0	0	0	0	-124.9241895	53.19556422
WT-22-799	3.902541	0	0	0	0	0	0	0	0	0	0	-124.9232545	53.19624123
WT-22-801	0	0.082198	25.692436	0.319931	99.999986	6.18105	2.137149	8.318199	74.30755	25.69245	100	-124.9104411	53.19840762
WT-22-802	15.94846	0	0	0	0	0	0	0	0	0	0	-124.8873729	53.19570197
WT-22-803	0	0.34532	39.567199	0.872743	99.99998	13.712996	8.978325	22.691321	60.432781	39.567219	100	-124.8877878	53.19658269
WT-22-804	0	0	0	0.312457	100	8.436327	0	8.436327	100	0	100	-124.8666379	53.19899661
WT-22-805	0.517744	0	0	0	0	0	0	0	0	0	0	-124.8654876	53.22223814
WT-22-806	1.875395	0	0	0	0	0	0	0	0	0	0	-124.8155866	53.25015726
WT-22-807	17.2163	0	0	0	0	0	0	0	0	0	0	-124.8113482	53.24985927
WT-22-808	2.567275	0	0	0	0	0	0	0	0	0	0	-124.8124079	53.24981598
WT-22-809	9.568868	0	0	0.012165	3.19953	0.316278	0	0.316278	3.19953	0	3.19953	-124.8106501	53.24918969
WT-22-810	5.785914	0	0	0	0	0	0	0	0	0	0	-124.6588892	53.57754961
WT-22-811	11.845184	0	0	0.017037	3.604701	0.44295	0	0.44295	3.604701	0	3.604701	-124.6706196	53.58302912
WT-22-812	1.297039	0	0	0	0	0	0	0	0	0	0	-124.7008096	53.59336281
WT-22-813	4.283252	0	0	0	0	0	0	0	0	0	0	-124.79154	53.64180536
WT-22-814	22.709588	0	0	0	0	0	0	0	0	0	0	-124.7939527	53.64127003
WT-22-815	12.709518	0	0	0	0	0	0	0	0	0	0	-124.8444526	53.73286249
WT-22-816	8.965073	0	0	0	0	0	0	0	0	0	0	-124.8463938	53.75507921
WT-22-817	10.448962	0	0	0	0	0	0	0	0	0	0	-124.8073277	53.22352187
WT-22-818	382.373738	0	0	0	0	0	0	0	0	0	0	-124.8001792	53.23176869
WT-22-819	21.919292	0	0	0	0	0	0	0	0	0	0	-124.7683312	53.22619028
WT-22-820	229.976677	0	0	0	0	0	0	0	0	0	0	-124.7744171	53.2288737
WT-22-821	41.934103	0	0	0	0	0	0	0	0	0	0	-124.7685994	53.23061852
WT-22-822	282.565265	0	0	0	0	0	0	0	0	0	0	-124.7692196	53.23956607
WT-22-823	179.487513	0	0	0	0	0	0	0	0	0	0	-124.7776845	53.240582
WT-22-824	62.278655	0	0	0	0	0	0	0	0	0	0	-124.7787453	53.24271962
WT-22-825	367.30607	0	0	0	0	0	0	0	0	0	0	-124.7846844	53.23368344
WT-22-826	31.662135	0	0	0	0	0	0	0	0	0	0	-124.7666166	53.23728744
WT-22-827	94.184926	0	0	0	0	0	0	0	0	0	0	-124.7700373	53.25054429
WT-22-828	172.754564	0	0	0	0	0	0	0	0	0	0	-124.778943	53.25180809
WT-22-829	129.587047	0	0	0	0	0	0	0	0	0	0	-124.7943406	53.23593281
WT-22-830	111.161834	0	0	0	0	0	0	0	0	0	0	-124.7833431	53.24593169
WT-22-831	39.276051	0	0	0	0	0	0	0	0	0	0	-124.7810424	53.25470587
WT-22-832	354.767411	0	0	0	0	0	0	0	0	0	0	-124.7715748	53.25282613
WT-22-833	75.706624	0	0	0	0	0	0	0	0	0	0	-124.7782047	53.25387716
WT-22-834	7.500632	0	0	0	0	0	0	0	0	0	0	-124.7871019	53.25702562
WT-22-835	69.67025	0	0	0	0	0	0	0	0	0	0	-124.7679874	53.25032593
WT-22-836	26.936475	0	0	0	0	0	0	0	0	0	0	-124.7712125	53.25043459
WT-22-837	34.974332	0	0	0	0	0	0	0	0	0	0	-124.7948552	53.24941861
WT-22-838	47.305458	0	0	0	0	0	0	0	0	0	0	-124.6880939	53.26746097
WT-22-839	183.884769	0	0	0	0	0	0	0	0	0	0	-124.6883568	53.266002

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	Wetland Class	Site Association	Project Area	Mine Component	Mine Component Type	Mine Component Description	Plot Type	Plot ID	1: Water Flow Moderation	2: Groundwater Recharge	3: Erosion Protection	4: Water Quality Treatment	5: Carbon Storage	6: Nutrient and Organic Export	7: Species of Value
WT-22-840	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-842	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-843	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-844	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-845	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-846	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-847	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-848	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-850	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-851	Fen	Wf02	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-852	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-853	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-854	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-855	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-856	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-857	Marsh	Wm01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-858	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-859	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-860	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-861	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-862	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-863	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-864	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-865	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-866	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-867	Swamp	Ws07	Freshwater Supply Pipeline	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-868	Bog	Wb05	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-869	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-870	Bog	Wb08	Freshwater Supply Pipeline	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-871	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-872	SOW	OW	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-873	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-874	Swamp	Ws07	Freshwater Supply Pipeline	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-875	Swamp	Ws07	Freshwater Supply Pipeline	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-876	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-877	Bog	Wb08	Freshwater Supply Pipeline	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-878	Fen	Wf01	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-879	Bog	Wb08	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-880	Fen	Wf01	Freshwater Supply Pipeline	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-881	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-
WT-22-882	Swamp	Ws07	Outside Y23 Footprint	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	8: Wildlife Use	9: Habitat for Wildlife Species-At-Risk	10: Habitat for Ecosystems at Risk	11: Ecosystem Quality	12: Ecosystem Connectivity	Original Area (ha)	Remaining Area (ha)	Direct Area of Loss (%)	Direct Area of Loss (ha)	Baseline Function Score	Baseline Functional Area	Function Score Certainty	Isolated	Max. Neighbour Area of Loss (%)	Impact Category	New Function Score
WT-22-840	-	-	-	-	-	1.235485	1.235485	0	0	30	37.064549	Averaged	0	0	No Impact	30
WT-22-842	-	-	-	-	-	10.622625	10.622625	0	0	26	276.188247	Averaged	0	0	No Impact	26
WT-22-843	-	-	-	-	-	4.422554	4.422554	0	0	28	123.831498	Averaged	0	0	No Impact	28
WT-22-844	-	-	-	-	-	2.852083	2.852083	0	0	28	79.858335	Averaged	0	0	No Impact	28
WT-22-845	-	-	-	-	-	9.024835	9.024835	0	0	28	252.695393	Averaged	0	0	No Impact	28
WT-22-846	-	-	-	-	-	3.576037	3.576037	0	0	26	92.97696	Averaged	0	0	No Impact	26
WT-22-847	-	-	-	-	-	6.10662	6.10662	0	0	28	170.985352	Averaged	0	0	No Impact	28
WT-22-848	-	-	-	-	-	3.739413	3.739413	0	0	28	104.703568	Averaged	0	0	No Impact	28
WT-22-850	-	-	-	-	-	9.334018	9.334018	0	0	28	261.352514	Averaged	0	0	No Impact	28
WT-22-851	-	-	-	-	-	0.604882	0.604882	0	0	28	16.936699	Averaged	0	0	No Impact	28
WT-22-852	-	-	-	-	-	0.292717	0.292717	0	0	27	7.903349	Averaged	0	0	No Impact	27
WT-22-853	-	-	-	-	-	0.326338	0.326338	0	0	30	9.79013	Averaged	0	0	No Impact	30
WT-22-854	-	-	-	-	-	7.401368	7.401368	0	0	27	199.836938	Averaged	0	0	No Impact	27
WT-22-855	-	-	-	-	-	5.0387	5.0387	0	0	27	136.044902	Averaged	0	0	No Impact	27
WT-22-856	-	-	-	-	-	0.73153	0.73153	0	0	28	20.482842	Averaged	0	0	No Impact	28
WT-22-857	-	-	-	-	-	0.40916	0.40916	0	0	29	11.865627	Averaged	0	0	No Impact	29
WT-22-858	-	-	-	-	-	2.172148	2.172148	0	0	27	58.647985	Averaged	0	0	No Impact	27
WT-22-859	-	-	-	-	-	0.643152	0.643152	0	0	30	19.294553	Averaged	0	0	No Impact	30
WT-22-860	-	-	-	-	-	3.055613	3.055613	0	0	27	82.501548	Averaged	0	0	No Impact	27
WT-22-861	-	-	-	-	-	0.846002	0.846002	0	0	27	22.842052	Averaged	0	0	No Impact	27
WT-22-862	-	-	-	-	-	0.349144	0.349144	0	0	28	9.776028	Averaged	0	0	No Impact	28
WT-22-863	-	-	-	-	-	1.303826	1.303826	0	0	26	33.899469	Averaged	0	0	No Impact	26
WT-22-864	-	-	-	-	-	0.682365	0.682365	0	0	26	17.741489	Averaged	0	0	No Impact	26
WT-22-865	-	-	-	-	-	0.667162	0.667162	0	0	26	17.3462	Averaged	0	0	No Impact	26
WT-22-866	-	-	-	-	-	1.317062	1.317062	0	0	26	34.243602	Averaged	0	0	No Impact	26
WT-22-867	-	-	-	-	-	5.902039	5.902039	0	0	26	153.453017	Averaged	0	0	No Impact	26
WT-22-868	-	-	-	-	-	0.280356	0.280356	0	0	27	7.569611	Averaged	0	0	No Impact	27
WT-22-869	-	-	-	-	-	0.533729	0.533729	0	0	27	14.410682	Averaged	0	0	No Impact	27
WT-22-870	-	-	-	-	-	3.836546	3.836546	0	0	27	103.586729	Averaged	0	0	No Impact	27
WT-22-871	-	-	-	-	-	0.064911	0.064911	0	0	30	1.947325	Averaged	0	0	No Impact	30
WT-22-872	-	-	-	-	-	0.473647	0.473647	0	0	30	14.20942	Averaged	0	0	No Impact	30
WT-22-873	-	-	-	-	-	1.69263	1.69263	0	0	28	47.393647	Averaged	0	0	No Impact	28
WT-22-874	-	-	-	-	-	2.026829	2.026829	0	0	26	52.697543	Averaged	0	0	No Impact	26
WT-22-875	-	-	-	-	-	1.26296	1.26296	0	0	26	32.836967	Averaged	0	0	No Impact	26
WT-22-876	-	-	-	-	-	0.543968	0.543968	0	0	28	15.231116	Averaged	0	0	No Impact	28
WT-22-877	-	-	-	-	-	1.249595	1.249595	0	0	27	33.739063	Averaged	0	0	No Impact	27
WT-22-878	-	-	-	-	-	0.810799	0.810799	0	0	28	22.70237	Averaged	0	0	No Impact	28
WT-22-879	-	-	-	-	-	0.287554	0.287554	0	0	27	7.763966	Averaged	0	0	No Impact	27
WT-22-880	-	-	-	-	-	2.740804	2.740804	0	0	28	76.742512	Averaged	0	0	No Impact	28
WT-22-881	-	-	-	-	-	1.461675	1.461675	0	0	26	38.00354	Averaged	0	0	No Impact	26
WT-22-882	-	-	-	-	-	0.699813	0.699813	0	0	26	18.195131	Averaged	0	0	No Impact	26

APPENDIX C: YEAR 1 (2025) AS-BUILT WETLAND EXTENT AND FUNCTION LOSS BY WETLAND AREA

Wetland ID	New Functional Area	Indirect Area of Loss (ha)	Indirect Area of Loss (%)	Total Area Loss (ha)	Total Area Loss (%)	Direct Functional Area Loss	Indirect Functional Area Loss	Total Functional Area Loss	Direct Functional Area Loss (%)	Indirect Functional Area Loss (%)	Total Functional Area Loss (%)	Longitude	Latitude
WT-22-840	37.064549	0	0	0	0	0	0	0	0	0	0	-124.7137279	53.26641328
WT-22-842	276.188247	0	0	0	0	0	0	0	0	0	0	-124.7456212	53.25770536
WT-22-843	123.831498	0	0	0	0	0	0	0	0	0	0	-124.7311754	53.26863052
WT-22-844	79.858335	0	0	0	0	0	0	0	0	0	0	-124.7667254	53.25401196
WT-22-845	252.695393	0	0	0	0	0	0	0	0	0	0	-124.716597	53.26171231
WT-22-846	92.97696	0	0	0	0	0	0	0	0	0	0	-124.723686	53.25962957
WT-22-847	170.985352	0	0	0	0	0	0	0	0	0	0	-124.7230178	53.26631135
WT-22-848	104.703568	0	0	0	0	0	0	0	0	0	0	-124.6896453	53.26659987
WT-22-850	261.352514	0	0	0	0	0	0	0	0	0	0	-124.7606777	53.25622079
WT-22-851	16.936699	0	0	0	0	0	0	0	0	0	0	-124.6965881	53.25664971
WT-22-852	7.903349	0	0	0	0	0	0	0	0	0	0	-124.6971074	53.25645686
WT-22-853	9.79013	0	0	0	0	0	0	0	0	0	0	-124.698364	53.26493904
WT-22-854	199.836938	0	0	0	0	0	0	0	0	0	0	-124.7112517	53.26064232
WT-22-855	136.044902	0	0	0	0	0	0	0	0	0	0	-124.7075917	53.26677002
WT-22-856	20.482842	0	0	0	0	0	0	0	0	0	0	-124.7104192	53.26623466
WT-22-857	11.865627	0	0	0	0	0	0	0	0	0	0	-124.7304695	53.25990988
WT-22-858	58.647985	0	0	0	0	0	0	0	0	0	0	-124.7193732	53.26015729
WT-22-859	19.294553	0	0	0	0	0	0	0	0	0	0	-124.7374733	53.26025344
WT-22-860	82.501548	0	0	0	0	0	0	0	0	0	0	-124.7551081	53.26485176
WT-22-861	22.842052	0	0	0	0	0	0	0	0	0	0	-124.7622444	53.25337612
WT-22-862	9.776028	0	0	0	0	0	0	0	0	0	0	-124.6806293	53.25917641
WT-22-863	33.899469	0	0	0	0	0	0	0	0	0	0	-124.6875419	53.2593439
WT-22-864	17.741489	0	0	0	0	0	0	0	0	0	0	-124.6897353	53.26361518
WT-22-865	17.3462	0	0	0	0	0	0	0	0	0	0	-124.7128966	53.26244043
WT-22-866	34.243602	0	0	0	0	0	0	0	0	0	0	-124.7080618	53.26530992
WT-22-867	153.453017	0	0	0	0	0	0	0	0	0	0	-124.7984988	53.23660177
WT-22-868	7.569611	0	0	0	0	0	0	0	0	0	0	-124.7966883	53.23753021
WT-22-869	14.410682	0	0	0	0	0	0	0	0	0	0	-124.7899504	53.24557078
WT-22-870	103.586729	0	0	0	0	0	0	0	0	0	0	-124.7825034	53.2569201
WT-22-871	1.947325	0	0	0	0	0	0	0	0	0	0	-124.7867263	53.25691126
WT-22-872	14.20942	0	0	0	0	0	0	0	0	0	0	-124.7142903	53.26522301
WT-22-873	47.393647	0	0	0	0	0	0	0	0	0	0	-124.7210805	53.2644345
WT-22-874	52.697543	0	0	0	0	0	0	0	0	0	0	-124.7120198	53.26314063
WT-22-875	32.836967	0	0	0	0	0	0	0	0	0	0	-124.6877928	53.26171061
WT-22-876	15.231116	0	0	0	0	0	0	0	0	0	0	-124.7119231	53.26473237
WT-22-877	33.739063	0	0	0	0	0	0	0	0	0	0	-124.7199758	53.26278255
WT-22-878	22.70237	0	0	0	0	0	0	0	0	0	0	-124.762053	53.25740189
WT-22-879	7.763966	0	0	0	0	0	0	0	0	0	0	-124.7097054	53.26230514
WT-22-880	76.742512	0	0	0	0	0	0	0	0	0	0	-124.7152864	53.26349628
WT-22-881	38.00354	0	0	0	0	0	0	0	0	0	0	-124.7100213	53.26450123
WT-22-882	18.195131	0	0	0	0	0	0	0	0	0	0	-124.776576	53.25820582



ERM

ERM HAS OVER 140 OFFICES ACROSS THE FOLLOWING
COUNTRIES AND TERRITORIES WORLDWIDE

Argentina	Mozambique
Australia	Netherlands
Belgium	New Zealand
Brazil	Panama
Canada	Peru
China	Poland
Colombia	Portugal
Denmark	Romania
France	Singapore
Germany	South Africa
Hong Kong	South Korea
India	Spain
Indonesia	Switzerland
Ireland	Taiwan
Italy	Thailand
Japan	UAE
Kazakhstan	UK
Kenya	US
Malaysia	Vietnam
Mexico	

ERM's Vancouver Office

#1000 - 1100 Melville Street
Vancouver, BC
Canada V6E 4A6
T +1 604 689 9460

www.erm.com