

APPENDIX H

ABANDONMENT AND RESTORATION PLAN

BACK RIVER PROJECT

ABANDONMENT AND RECLAMATION PLAN FOR SITE PREPARATION WORK

Table of Contents

Table of Contents	i
List of Figures	ii
List of Tables	iii
List of Appendices	iii
1. Introduction	1
1.1 Overview	1
1.1.1 Background	1
1.1.2 Purpose and Scope of Plan	1
1.1.3 Scope of Site Preparation Work	3
1.2 Proponent Information	1
1.2.1 Sabina's Contact Information	1
1.2.2 Sabina's Environmental Policy	1
1.3 History of the Site	1
1.4 Site Condition Considerations	2
1.4.1 Social Conditions	2
1.4.2 Permafrost	2
1.4.3 Geochemical Characterization of Construction Materials	2
1.5 Regulatory Context	3
1.5.1 Current Permits and Approvals	3
1.5.2 Legislation Applicable to Abandonment and Restoration	4
1.5.3 Permits and Approvals Required for Site Preparation Activities	5
1.5.4 Applicable Guidelines	6
1.5.5 Environmental Assessment Requirements	6
1.6 Closure Scenarios for Site Preparation Work	6
1.7 Closure Objectives and Criteria	7
1.8 Future Iterations of this Plan	8
1.9 Approach to Inclusion of Community Values	8
2. Progressive Reclamation	8
2.1 Definition of Progressive Reclamation	8
2.2 Candidate Facilities/Areas and Reclamation Activities	8

2.3	Progressive Reclamation Schedule	9
3.	Permanent Closure and Reclamation	9
3.1	Decision to Close	9
3.2	Overview and Schedule.....	9
3.3	Quarries and Borrow Areas	10
3.4	Overburden Stockpiles.....	11
3.5	Buildings and Equipment	11
3.5.1	Buildings	11
3.5.2	Fuel Storage	12
3.5.3	Equipment	12
3.5.4	Equipment and Materials at MLA	13
3.6	Roads and Airstrips.....	14
3.7	Pipelines and Power Distribution Lines	14
3.8	Water Management Systems.....	14
3.9	Chemicals and Explosives	14
3.10	Contaminated Soil.....	14
3.11	Abandonment and Restoration Schedule	14
3.12	Expected Conditions Post-closure	15
3.13	Post-Reclamation Risks to Human and Environmental Health.....	15
4.	Monitoring	15
4.1	Adaptive Management	15
5.	Estimated Closure and Reclamation Costs	16
6.	Glossary of Terms, Acronyms, or Abbreviations	19
6.1	Glossary of Terms	19
6.2	Acronyms and Abbreviations	21
7.	References.....	22

List of Figures

FIGURE		PAGE
Figure 1.1	Project Location Map	2
Figure 1.2	Goose Property Site Preparation Plan	1
Figure 3.1	Fuel Storage Facilities	12

List of Tables

TABLE		PAGE
Table 1.1	Summary of Current Exploration Permits	4
Table 1.2	Permits and Approvals Required for Site Preparation Activities	5
Table 3.1	Building Inventory	11
Table 3.2	Equipment Inventory.....	13
Table 3.3	Inventory of Equipment and Materials at MLA	13
Table 5.1	SPW Closure Cost Summary	18

List of Appendices

Appendix A Detailed Closure Cost Estimate

1. Introduction

1.1 OVERVIEW

1.1.1 Background

Sabina Gold & Silver Corp. (Sabina) is actively developing the Back River Project (the Project) approximately 75 km south of Bathurst Inlet, in the Kitikmeot Region, Nunavut. The Project consists of proposed mines at the Goose and George Properties, a Marine Laydown Area (MLA) at Bathurst Inlet, and a connecting winter road (see Figure 1.1). The mine development project is currently under environmental review with the Nunavut Impact Review Board (NIRB).

Sabina is planning to seek regulatory approval to conduct site preparation works (SPW) at the Back River Project in advance of completing the mine development environmental assessment. SPW will consist of the positioning of equipment, consumables and fuel at the Project sites, the quarrying of aggregate for construction, and the establishment of basic infrastructure such as a section of all-weather road and an extended airstrip at the Goose Property. The SPW is expected to be undertaken in 2015. The SPW is described in an environmental screening document prepared by on behalf of Sabina.

1.1.2 Purpose and Scope of Plan

This Abandonment and Reclamation Plan (A&R Plan) is intended to cover the activities and infrastructure associated with the proposed SPW at the Goose Property and MLA.

There are two A&R Plans currently filed with the Nunavut Water Board (NWB) and the Kitikmeot Inuit Association (KIA):

- Back River Project - Abandonment and Restoration Plan - Goose Camp and Exploration Project, March 2012; and
- Back River Project - Abandonment and Restoration Plan - George Camp and Exploration Project, January 2013.

The SPW involves site preparation activities mainly at the Goose Property and the MLA. It is Sabina's view that, if approved, that this A&R Plan for the SPW would supersede the March 2012 A&R Plan for the Goose Property. Following the same reasoning, since the SPW involves little new activity at the George Property, the January 2013 A&R Plan for the George Property referenced above would remain in effect if Sabina proceeded with the SPW.

A Preliminary Mine Closure and Reclamation Plan (pMCRP) for mine development was presented to the Nunavut Impact Review Board (NIRB) for review as part of Sabina's Draft Environmental Impact Statement (DEIS) in January 2013. This A&R Plan is not related to the mine development pMCRP presented in the DEIS. Sabina notes that if the SPW is approved and executed, that pre-mine development conditions at site will change. Corresponding updates to the pMCRP will in this instance be presented in an updated pMCRP as part of the Final Environmental Impact Statement (FEIS) and accompanying Application for a Type A Water Licence, to be submitted in 2015.