



MULTIMEDIA SCREENING ASSESSMENT VOL 2 ENVIRONMENTAL EFFECTS AND RESULTS

TWIN METALS MINNESOTA PROJECT

Environmental Review Support Document

Prepared for Twin Metals Minnesota, LLC
Prepared by

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REVISION RECORD

Revision	Date	Description	EDMS Download Date	Project Configuration Version
0A	11-20-2020	Submitted for Agency Review – TOC		

REVISION NARRATIVE

DISCLAIMER

This document is a working document. This document may change over time because of new information, or further analysis or deliberation.



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LIST OF ABBREVIATIONS, ACRONYMS, AND SYMBOLS

TMM

Twin Metals Minnesota, LLC

1.0 INTRODUCTION

The Twin Metals Minnesota, LLC (TMM) Project (Project) is focused on designing, permitting, constructing, and operating an underground copper, nickel, cobalt, platinum, palladium, gold, and silver mining project. Located approximately nine miles (14 kilometers [km]) southeast of Ely, Minnesota, and 11 miles (18 km) northeast of Babbitt, Minnesota, the Project targets valuable state, federal, and private minerals within the Maturi deposit, which is a part of the Duluth Complex geologic formation.

All potential Project infrastructure locations presented herein are considered preliminary and are undergoing further design and engineering evaluations which will dictate final design and locations. Further information about TMM and the Project is located at <http://www.twin-metals.com/>.

The purpose of this document is to provide necessary information for the environmental review and permitting process. TMM retained [insert Consultant name] (insert abbreviated Consultant name) to complete [insert text].

2.0 SUMMARY

- Provide a high level summary of what is presented within this report.
- Describe how this report volume relates to the other volumes.
- Reference relevant sections of the FSDD, SEAW, and / or federal documents to remind the reader there is a defined scope that is being followed.

3.0 DEPOSITION MODELING RESULTS

Deposition modeling will be conducted according to the methods defined within the other volumes of the *Multimedia Screen Assessment Data Package*. Results of deposition modeling will be presented within this section for the proposed action and alternatives. In Section 4, these results will be applied to resources such as water and wetlands, to assess multimedia resource impacts.

3.1 Proposed Action

Air deposition modeling results associated with the proposed action will be described in this section.

3.2 Alternatives to the Proposed Action

Air deposition modeling results associated with the 1352 and transmission corridor alternatives will be described in this section. This discussion will focus on differences in deposition between the alternatives and proposed action.

3.3 No Action Alternative

Air deposition modeling results associated with the no action alternative will be described in this section.

4.0 ENVIRONMENTAL CONSEQUENCES

4.1 Impact Assessment Indicators and Methods

- Describe the impact assessment indicators and methods at a high level using the other volumes of the *Multimedia Screen Assessment Data Package* and indicate where additional details can be found within this document.

4.2 Impact Assessment

Deposition modeling results presented in Section 3 will be applied to resources such as water and wetlands, to assess multimedia resource impacts, based on the impact assessment indicators summarized in Section 4.1. Impacts will be presented within the following section for proposed action, alternatives to the proposed action, and the no action alternative.

4.2.1 Proposed Action

Direct and indirect impacts associated with the proposed action will be described in this section.

4.2.2 Alternatives to the Proposed Action

Direct and indirect impacts associated with the 1352 and transmission corridor alternatives will be described in this section. This discussion will focus on differences in impacts between the alternatives and proposed action. Impacts that are the same between the proposed action and alternatives will be noted but not discussed in detail.

4.2.3 No Action Alternative

Direct and indirect impacts associated with the no action alternative will be described in this section.

5.0 REFERENCES



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FIGURES



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APPENDICES



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APPENDIX [#A, B, C, D]

[APPENDIX TITLE]



APPENDIX [#A, B, C, D]

[APPENDIX TITLE]

[Insert page break for each additional appendix.]