



SOCIOECONOMICS AND ENVIRONMENTAL JUSTICE VOL 1 BASELINE METHODS AND DATA

TWIN METALS MINNESOTA PROJECT

Environmental Review Support Document

Prepared for Twin Metals Minnesota, LLC
Prepared by

Document No. TMM-ES-025-0147-01
Revision 0A
November 20, 2020



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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.
- Describe the rationale for selecting the area of analysis.
- Describe the area of analysis.
- Describe baseline characteristics within the area of analysis.
- 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 PROPOSED ACTION AND ALTERNATIVES

3.1 Proposed Action

- Reference the TMM Project Description and Alternatives document and indicate the proposed action is defined within this document.

3.2 Alternatives to the Proposed Action

- Reference the TMM Project Description and Alternatives document and indicate the alternatives to the proposed action are defined within this document.

3.3 No Action Alternative

- Reference the TMM Project Description and Alternatives document and indicate the no action alternative is defined within this document.

4.0 REGULATORY FRAMEWORK

- Establish Regulatory Framework by discussing the following:
 - Definition of socioeconomic and environmental justice
 - Defined by the EPA (2011) as "the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies"
 - EO 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations
 - Final Guidance for Incorporating Environmental Justice Concerns in EPA's NEPA Compliance Analyses

5.0 AFFECTED ENVIRONMENT

5.1 Area of Analysis

A discussion will be provided to describe the area of analysis.

- Arrowhead region of northeastern Minnesota, which includes Cook, Lake, and St. Louis Counties based on the extent of features of the Project that will influence the socioeconomic environment.
- Describe the indicators of baseline socioeconomic conditions consistent with the other volumes of the *Socioeconomics and Environmental Justice Data Package* indicators for impacts.
- Area of analysis will be consistent with the area of potential effect used in the other volumes of the *Socioeconomics and Environmental Justice Data Package*.

5.2 Methods

Methods and data sources for defining the affected environment, encompassing the Arrowhead region of northeastern Minnesota, which includes Cook, Lake, and St. Louis Counties, will be described in this section. Data sources may include the following:

- U.S. Bureau of Labor Statistic data;
- 2010 U.S. Census;

- 2012-2016 American Community Survey data;
- Cook, Lake, and St. Louis County (including County Land Management Department webpages and Comprehensive Plans);
- Arrowhead Regional Development Commission (ARDC) plans;
- USEPA Environmental Justice Screening and Mapping Tool (<https://www.epa.gov/ejscreen>);
- Minnesota State Demographic Center;
- ARDC plans; and
- MPCA web mapping tool *What's In My Neighborhood*.

5.3 Existing Conditions

Using the methods and data sources defined in Section 5.2, existing conditions will be described within this section including the following:

- Demographics;
 - Minority and low-income populations
- Regional economic drivers;
- Income by economic sector;
 - Recreation
 - Government
 - Construction / industry
 - Service sector
- Employment;
 - Median income
 - Employment seasonality
 - Unemployment rate and seasonality of unemployment
- Demand for construction workers;
- Public Finance;
- Housing;
 - Rental housing
- Public Services and Facilities;
- Human Health;
- Medical Services;
- Level of education;
- Subsistence;
- State-defined areas of concern for environmental justice; and
- Socioeconomic historic trends.

6.0 REFERENCES



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FIGURES



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APPENDICES



APPENDIX [#A, B, C, D]

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APPENDIX [#A, B, C, D]

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