

STATE OF MINNESOTA
DEPARTMENT OF NATURAL RESOURCES

Permit to Mine

Reserve Mining Company #1
(Peter Mitchell Mine and Stockpiles, Reserve Railroad,
E. W. Davis Works, and Milepost 7
Tailings Basin Site)

I. INTRODUCTION

Pursuant to Minnesota Statutes §93.44-93.51 and on the basis of statements and information contained in the permit application (contents of which are listed on attachment Number 1, and a copy of which is on file in the Division of Minerals St. Paul office), which are made a part hereof by reference, PERMISSION IS HEREBY GRANTED to Reserve Mining Company and its owners, First Taconite Company and Republic-Reserve Inc., partners in Reserve Mining Company, whose address is Silver Bay, Minnesota 55614, to conduct a mining operation in St. Louis and Lake counties for the production of taconite pellets. The operation is located as follows:

The Peter Mitchell Mine is or will be located in Sections 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 29, 30, 31 and 32, Township 60 North, Range 12 West, Sections 12, 13, 14, 15, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36, Township 60 North, Range 13 West, and Section 5 and 6, Township 59 North, Range 12 West, all in St. Louis County, Minnesota.

The railroad extends from Babbitt to Silver Bay and is located in portions of Township 59 North, Range 12 West, Township 58 North, Range 12 West and Township 57 North, Range 12 West, in St. Louis County and Township 57 North, Range 11 West, Township 57 North, Range 10 West, Township 56 North, Range 10 West, Township 56 North, Range 9 West, and Township 55 North, Range 9 West, in Lake County, Minnesota.

The beneficiation plant and tailings disposal basin are located in Sections 29, 31 and 32, Township 56 North, Range 7 West, Section 7, Township 55 North, Range 7 West, Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12, Township 55 North, Range 8 West, and Sections 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33, and 34, Township 56 North, Range 8 West, all in Lake County, Minnesota.

These lands are specifically depicted in the permit application.

II. TERM OF PERMIT

The conditions of this permit apply to all mining and reclamation activities conducted from August 25, 1980 until the ores identified in the permit application are depleted. The operating life of the Peter Mitchell pit is projected to be at least 35 years.

III. CONDITIONS OF PERMIT

This permit is subject to the following GENERAL and SPECIAL PROVISIONS:

A. GENERAL PROVISIONS

Mining and reclamation activities associated with taconite mining and processing operations shall be conducted in a manner consistent with the plans and schedules presented in the permit application. Including, by references, the August 23, 1977 Amended Permit for the Mile-Post 7 basin and subsequent renewals, approvals or amendments to the permit. All activities shall be subject to the State's Rules Relating to Mineland Reclamation 6 MCAR §1.0401-1.0407, except as provided in B. SPECIAL PROVISIONS. This permit does not waive the requirements of any other applicable permit or rules of the Department of Natural Resources or any other agency or governmental unit or of any other applicable statute or ordinance.

B. SPECIAL PROVISIONS

1) Mining and reclamation activities shall not be conducted unless such activities have been described in the operating plan submitted with the permit application, or until a subsequent operating plan, describing those activities, has been submitted pursuant to 6 MCAR §1.0404 A.5., and determined to be in compliance with the permit.


2) The research related to rock stockpile revegetation, proposed in the permit application, has been reviewed and deemed to constitute "Acceptable Research" pursuant to 6 MCAR §1.0401 B.1. Before such measures can be applied on a wide scale basis, a minimum of five (5) years of research data must be compiled, reviewed, and a determination made, by the commissioner, that these measures satisfy 6 MCAR § 1.0402 D.1.

3) Before conducting other research pursuant to 6 MCAR §1.0401 B.1., the commissioner shall be informed to determine its acceptability.

Dated at Saint Paul, Minnesota this 1 day of March, 1985.


Joseph N. Alexander
Commissioner of Natural Resources

Received and acknowledged by First Taconite Company, Republic-Reserve Inc. and Reserve Mining Company this 28th day of May, 1985.

By 
First Taconite Company

By 
Reserve Mining Company

By 
Republic-Reserve Inc.

CONTENTS OF APPLICATION

1. DOCUMENTS
2. ORGANIZATIONAL DATA
3. ENVIRONMENTAL SETTING MAPS
 Babbitt Operations (Listing of maps and content)
 ENVIRONMENTAL SETTING MAPS AND ANALYSIS
 Silver Bay Operations
4. ENVIRONMENTAL SETTING ANALYSIS
 Babbitt Operations
5. MINING AND RECLAMATION MAPS (Listing of maps and content)
6. MINING AND RECLAMATION PLAN
7. 1981 OPERATING PLAN

APPENDICES

- | | |
|--------------|--|
| APPENDIX A | FINANCIAL STATEMENTS |
| APPENDIX B * | ENVIRONMENTAL SETTING MAPS (B-1 through B-12) |
| APPENDIX C * | MINING AND RECLAMATION MPAS (C-1 through C-19) |

* Note: APPENDIX B and APPENDIX C are bound separate from written material.

ADDENDUMS

- | | |
|-------------|------------------------|
| ADDENDUM #1 | Dated May 11, 1983 |
| ADDENDUM #2 | Dated February 3, 1984 |
| ADDENDUM #3 | Dated May 14, 1984 |
| ADDENDUM #4 | Dated May 30, 1984 |