RED DOG MINE
Permit Physical Boundaries

Waste Management Permitting Program
Task M-02

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1. INTRODUCTION

TCAK and NANA are working closely with State of Alaska agencies, through the Large Mine Permitting Team, to develop an integrated Reclamation and Closure Plan that will support approval of the Reclamation Plan and issuance of a Solid Waste Permit for Red Dog Mine, pursuant to 18 AAC 60.210.

The permitting process is structured according to the Action Plan for the Waste Management Permitting Program (AMEC 2002), which comprises 88 tasks grouped into 15 work areas. This document describes task M-02, Establish Permit Physical Boundaries. The task involves establishing the geographical coverage of the permit. A legal description is provided, along with a drawing depicting the boundary.

The boundary proposed for the Solid Waste Permit for the Red Dog Mine is identical to the 1999 Air Shed Ambient Air Quality Boundary. This boundary was felt to be appropriate for the Solid Waste Permit for Red Dog Mine as it encompasses the applicable facilities. In addition, it avoids duplicating the effort of determining the legal description and maintaining multiple permit boundaries.

2. LEGAL DESCRIPTION

Teck Cominco Alaska Incorporated submits this legal description of lands encompassed by the 1999 Air Shed Ambient Air Quality Boundary as the geographical boundary for the Solid Waste Permit for Red Dog Mine. It will be referred to as the Solid Waste Permit Boundary and shall apply to the geographic area within the outline depicted on the drawing attached hereto as Figure 1 and located approximately within the following described lands:

Township 30 North, Range 18 West, Kateel River Meridian

Section 5: NW\%NE\%, SW\%NE\%, W\%, NW\%SE\%, SW\%SE\%
Section 6: All
Section 7: NE\%, N\%NW\%, N\%S\%NW\%, SW\%SW\%NW\%, NE\%SE\%, NE\%NW\%SE\%
Section 8: W\%NE\%NE\%, NW\%NE\%, N\%SW\%NE\%, SW\%SW\%NE\%, N\%SE\%NE\%, NW\%, N\%NW\%SW\%

Township 31 North, Range 18 West, Kateel River Meridian

Section 1: SW\%SW\%
Section 2: NW\%NW\%NE\%, S\%NW\%NE\%, SW\%NE\%, SW\%SE\%NE\%, W\%, SE\%
Section 3: All
Section 4: All
Section 5: NE\%NE\%, NE\%NW\%NE\%, S\%NW\%NE\%, S\%NE\%, S\%NE\%NW\%, SW\%NW\%, SE\%NW\%, S\%
Section 6: S\%SE\%NE\%, E\%SE\%, E\%W\%SE\%
Permit Physical Boundaries

Section 7: NE¼NE¼, E½NW¼NE¼, S½NE¼, SE¼SE¾NW¼, NE¼SW¼, S½NW¼SW¼, S½SW¼, SE¼

Section 8: All

Section 9: All

Section 10: All

Section 11: All

Section 12: W½NW¼NW¼, NW¼SW¼NW¼, W½SW¼SW¼

Section 13: W½NW¼, N½SE¾NW¼, SW¼SE¾NW¼, SW¼NE¾NW¼, SW¼NW¼SE¼, SW¼SE¼, SW¼

Section 14: All

Section 15: All

Section 16: All

Section 17: All

Section 18: All

Section 19: All

Section 20: All

Section 21: All

Section 22: N½NE¾NW¼, SW¼NE¾NW¼, W½NW¼, S½SE¾NW¼, SW¼, NW¼SE¼, W½SW¼SE¼

Section 23: N½NW¼NE¼, NE¼NE¼

Section 24: N½NW¼NE¼, SW¼NW¼NE¼, N½NW¼, N½SW¼NW¼, SE¼NW¼

Section 27: W½NW¼NE¼, W¼SW¼NE¼, NW¼, N½SW¼, N½S½SW¼

Section 28: N½, SW¼, N½SE¼, SW¼SE¼, N½SE¼SE¼, SW¼SE¼SE¼

Section 29: All

Section 30: All

Section 31: All

Section 32: N½NE, SW¼NE¼, W½, W½NW¼SE¼, SW¼SE¼

Section 33: N½N½NW¼, NW¼NW¼NE¼

Township 32 North, Range 18 West, Kateel River Meridian

Section 32: SE¼SE¾SE¼

Section 33: S½SW¼SW¼, NE¼SE¾SW¼, S½SE¾SW¼, S½SE¼

Section 34: NE¼NE¾SW¼, S½N½SW¼, S½SW¼, SE¼

Section 35: S½NW¼SW¼, SW¼SW¼, W½SE¾SW¼, SE¾SE¾SW¼

Township 30 North, Range 19 West, Kateel River Meridian

Section 1: All

Section 2: NE¼, NE¼NW¼, E½NW¼NW¼, SE¾NW¼, NE¼SW¼, SE¾NW¼SW¼, E½SW¼SW¼, SE¾SW¼, SE¼

Section 11: NE¼, NE¼NW¼, NE¼NW¼NW¼, E½NW¼NW¼, E½SE¾NW¼, NE¼NE¾SW¼, N½SE¼, NE¼SW¼SE¼, N½SE¾SE¼
Section 12:  N½, N½NE¼SW¼, SW¼NE¼SW¼, NW¼SW¼, N½SW¼SW¼, NW¼NW¼SE¼

Township 31 North, Range 19 West, Kateel River Meridian

Section 12:  S½SW¼SE¼, SE¼SE¼
Section 13:  E¼, NE¼NW¼, NE¼NW¼NW¼, S½NW¼NW¼, S½NW¼, NE¼SW¼, N½NW¼SW¼, SE¼NW¼SW¼, SE¼SW¼
Section 24:  E¼, E½NW¼, E½NE¼SW¼, NE¼SE¼SW¼
Section 25:  E¼, E½SE¼NW¼, NE¼SW¼, S½NW¼SW¼, S½SW¼
Section 26:  SE¼NE¼SW¼, E¼SE¼SW¼, S½NE¼SE¼, NW¼SE¼, S½SE¼
Section 35:  E¼, E½NW¼, NE¼SW¼, E½SW¼SW¼, SE¼SW¼
Section 36:  All

3. BOUNDARY DRAWING

The boundary proposed for the Solid Waste Permit for the Red Dog Mine is shown on the attached drawing “Red Dog Mine Solid Waste Permit Boundary”.