

February, 2012

Baffinland Iron Mines Corporation

Mary River Project – Railway Section Drawings

1. Introduction

1.1 Description and Overview

The Mary River Project is located on north Baffin Island, in Nunavut Territory, in the Canadian arctic. One aspect of the Project that is required is obtaining a Nunavut Water Board (NWB) Type A Water Licence to operate. In order to do this, a water licence application needs to be completed and submitted to the Board so that they can exercise their powers under the *Nunavut Waters Nunavut Surface Rights Tribunal Act* (NWNSTRA or Act) and the *Northwest Territories Water Regulations* (NTWR or Regulations). As part of the application process there are certain engineering deliverables that need to be submitted. This document gives an outline of the engineering deliverable drawings that fall under the heading Railway.

1.2 Scope

The scope of this element of the Project includes all works and/or undertakings required for the construction, operation, modification, maintenance and engineering of the Railway. The facilities that are found along the railway route include camps with sewage treatment plants, water treatment plants, oily water treatment plants, drainage, and ARD potential. The drawings which form part of the section principally include:

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Layout	Ravn River Rail Camp Construction Works Site Layout Plan	H337697-7000-10-014-1003
Flow Diagram	Ravn River Camp- Mary River Project Block Flow Diagram Water Supply Balance 1 of 2	H337697-7000-10-002-0003
Flow Diagram	Ravn River Camp- Mary River Project Block Flow Diagram Water Supply Balance 2 of 2	H337697-7000-10-002-0003
Potable Water	Ravn River Area Potable Water System PFD	H337697-7000-05-030-0009
Potable Water	Water Treatment Package Media-Filtration System P & I Drawings- Ravn River	E337697-PM401-50-031-0005_SUB04

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Potable Water	Ravn River Area Design Flow Rate 66 M3/Day Media-Filtration System General Arrangement	E337697-PM401-50-042-0013_SUB04
Potable Water	Ravn River Camp Site Water Supply and Wastewater Disposal GA Plan	H337697-7000-10-042-0004
Waste	Ravn River Rail Camp - Mary River Project Block Flow Diagram for Construction Solid Waste	H337697-7000-07-002-0003
Layout	Mid Rail Camp Construction Works Site Layout	H337697-7000-10-014-1004
Flow Diagram	Mid Rail Camp- Mary River Project Block Flow Diagram Water Supply Balance 1 of 2	H337697-7000-10-002-0004
Flow Diagram	Mid Rail Camp- Mary River Project Block Flow Diagram Waste Water Balance 2 of 2	H337697-7000-10-002-0004
Potable Water	Mid Rail Area Potable Water System PFD	H337697-7000-05-030-0010
Potable Water	Water Treatment Package Media-Filtration System P & I Drawings- Mid Rail Area	E337697-PM401-50-031-0006_SUB04
Potable Water	Mid Rail Area Design Flow Rate 66 M3/Day Media-Filtration System General Arrangement	E337697-PM401-50-042-0014_SUB04
Potable Water	Mid-Rail Camp Site Water Supply and Wastewater Disposal GA Plan	H337697-7000-10-042-0006
Waste	Mid-Rail Rail Camp - Mary River Project Block Flow Diagram for Construction Solid Waste	H337697-7000-07-002-0002
Flow Diagram	Cockburn Lake Tunnels Camp- Mary River Project Block Flow Diagram Water Supply Balance 1 of 2	H337697-7000-10-002-0005
Flow Diagram	Cockburn Lake Tunnels Camp- Mary River Project Block Flow Diagram Waste Water Balance 2 of 2	H337697-7000-10-002-0005
Waste	North Cockburn Lake Camp - Mary River Project Block Flow Diagram for Construction Solid Waste	H337697-7000-07-002-0004
Layout	South Cockburn Lake Rail Camp Construction Works Site Layout Plan	H337697-7000-10-014-1005
Flow Diagram	Cockburn South Camp- Mary River Project Block Flow Diagram Water Supply Balance 1 of 2	H337697-7000-10-002-0006
Flow Diagram	Cockburn South Camp- Mary River Project Block Flow Diagram Waste Water Balance 2 of 2	H337697-7000-10-002-0006

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Potable Water	Cockburn Lake Tunnels Area Potable Water System PFD	H337697-7000-05-030-0011
Potable Water	Water Treatment Package Media-Filtration System P & I Drawings-Cockburn Lake	E337697-PM401-50-031-0007_SUB04
Potable Water	Cockburn Lake Design Flow Rate 34 M3/Day Media-Filtration System General Arrangement	E337697-PM401-50-042-0015_SUB04
Potable Water	South Cockburn Camp Site Water Supply and Wastewater Disposal GA Plan	H337697-7000-10-042-0005
Waste	South Cockburn Lake Rail Camp - Mary River Project Block Flow Diagram for Construction Solid Waste	H337697-7000-07-002-0005