

February, 2012

## Baffinland Iron Mines Corporation

### Mary River Project - Steensby Port 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 Steensby Port.

### 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 facilities at the Steensby Port site, these include sewage treatment plant, water treatment plant, oily water treatment plant, drainage, fuel, dust management, ore dock, freight dock, and construction docks. The drawings which form part of this section include:

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Layout	Steensby Inlet 2012 Work Plan Site Layout (Reference only)	H337697-7000-10-014-1107
Layout	Steensby Inlet 2012 Work Enhanced Site Layout (Reference only)	H337697-7000-10-014-0004
Layout	Steensby Inlet 2012 Work Enhanced Site Layout (Reference only)	H337697-7000-10-014-0004
Layout	Steensby Inlet Environmental Monitoring Plan Site Layout	H337697-4610-07-042-0003
Layout	Steensby Inlet Construction Works Site Layout	H337697-7000-10-014-1006
Flow Diagram	Steensby - Mary River Project Block Flow Diagram Permanent Camp - Water Supply Balance	H337697-4510-10-002-0001

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Flow Diagram	Steensby - Mary River Project Block Flow Diagram Permanent Camp - Water Supply Balance	H337697-4510-10-002-0001
Potable Water	Steensby Inlet Construction Works Water Supply and Wastewater Disposal GA Plan	H337697-7000-10-042-0003
Waste Water	Steensby Inlet Permanent Works - Water Supply and Wastewater Disposal - GA Plan	H337697-4610-10-042-0001
Sewage Water	Steensby (Port) Sewage Treatment Plant RBC Based System	H337697-4630-05-030-0003
Sewage Water	Design Flow Rate 206 M3/Day Steensby STP (STP3) P & ID	E337697-PM402-50-031-0011
Sewage Water	206 M3/Day Steensby (STP3) RBC System General Layout	E337697-PM402-50-042-0018
Sewage Water	206 M3/Day Steensby (STP3) EQ Tank General Layout	E337697-PM402-50-042-0019
Sewage Water	206 M3/Day Steensby STP3 Effluent Tank General Layout	E337697-PM402-50-042-0020
Sewage Water	Sewage Water Treatment Plant Steensby (STP3) Belt Filter Press YC-100	E337697-PM402-50-042-0022
Potable Water	Steensby (Port) Potable Water System	H337697-4610-05-030-0001
Potable Water	Water Treatment Package Media-Filtration System P & I Drawings	E337697-PM401-50-031-0003
Potable Water	Steensby (Port) Design Flow Rate 200 M3/Day Media-Filtration System General Arrangement	E337697-PM401-50-042-0011
Waste Water	Steensby (Port) Wastewater	H337697-4560-05-030-0001
Waste Water	Process & Instrumentation Drawing Sheet 1	E337697-PM403-50-031-0004
Waste Water	Process & Instrumentation Drawing Sheet 2	E337697-PM403-50-031-0005
Waste Water	Process & Instrumentation Drawing Sheet 3	E337697-PM403-50-031-0006
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 1	E337697-PM403-50-014-0010
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 2	E337697-PM403-50-014-0011
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 3	E337697-PM403-50-014-0012
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 4	E337697-PM403-50-014-0013
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 5	E337697-PM403-50-014-0014

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 6	E337697-PM403-50-014-0015
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 7	E337697-PM403-50-014-0016
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 8	E337697-PM403-50-014-0017
Waste Water	General Arrangement Wastewater Treatment Plan - Steensby Port Site Sheet 9	E337697-PM403-50-014-0018
Drainage	Steensby Inlet Storm Water Management Key Plan	H337697-4510-10-014-0011
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 1 of 7)	H337697-4510-10-015-0002
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 2 of 7)	H337697-4510-10-015-0003
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 3 of 7)	H337697-4510-10-015-0004
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 4 of 7)	H337697-4510-10-015-0005
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 5 of 7)	H337697-4510-10-015-0006
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 6 of 7)	H337697-4510-10-015-0007
Drainage	Storm Water Management Plan Steensby Inlet (Sheet 7 of 7)	H337697-4510-10-015-0008
Drainage	Steensby Port Freight and Fuel Storage Platform Drainage General Arrangement Plan	H337697-4510-10-014-0004
Drainage	Steensby Port Freight and Fuel Storage Platform Drainage Pond Plan, Profile, and Sections	H337697-4510-10-012-0005
Drainage	Steensby Port Freight and Fuel Storage Platform Drainage Profiles and Sections	H337697-4510-10-012-0004
Drainage	Steensby Port Freight and Fuel Storage Platform Drainage Profiles	H337697-4510-10-012-0003
Drainage	Steensby Port Ore Stockpile Drainage Profiles and Sections	H337697-4510-10-012-0002
Drainage	Steensby Port Ore Stockpile Drainage Profiles	H337697-4510-10-012-0001
Fuel	Fuel Storage and Distribution Flow Schematic	H337697-0000-60-013-0001
Fuel	Steensby Inlet Fuel Offload, Storage and Distribution Process Flow Diagram	H337697-4640-60-030-0001

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Fuel	Steensby Inlet Fuel Storage and Distribution Site Location Plan	H337697-4640-10-017-0001
Fuel	Steensby Inlet Marine Offload and Transfer Fuel General Arrangement	H337697-4640-10-042-0001
Fuel	Steensby Inlet Tank Farm for Transfer Tank Piping General Arrangement	H337697-4640-60-042-0002
Fuel	Steensby Inlet Transfer and Tug Fuelling Tank Farm Dyke Layout	H337697-4640-10-014-0005
Fuel	Steensby Inlet Transfer and Tug Fuelling Tank Farm Dyke Sections	H337697-4640-10-035-0005
Fuel	Steensby Inlet Marine Offload and Fuel Storage Electrical General Arrangement	H337697-4640-10-042-0002
Fuel	Steensby Inlet Primary Storage Tank Farm Piping General Arrangement	H337697-4640-60-042-0001
Fuel	Steensby Inlet Primary Tank Farm Dyke Sections	H337697-4640-10-035-0001
Fuel	Steensby Inlet Typical Dyke Sections and Details	H337697-4640-10-035-0006
Fuel	Steensby Inlet Primary Fuel Storage Tank Farm Electrical General Arrangement	H337697-4640-70-042-0001
Fuel	Steensby Inlet Primary Fuel Storage Tank Farm Electrical Grounding Plan	H337697-4640-70-042-0002
Fuel	Steensby Inlet Power Plant Fueling General Arrangement	H337697-4640-10-042-0003
Fuel	Steensby Inlet Primary Fuel Storage Tank Farm Dyke Layout	H337697-4640-10-014-0001
Fuel	Steensby Inlet Final Fuel Storage Tank Farm 2015 Marine Tank Conversion Layout	H337697-4640-60-042-0005
Waste	Steensby Port-Mary River Project Block Flow Diagram for Construction/Operation Solid Waste	H337697-4510-07-002-0001
Waste	Steensby Environmental Waste Management Facility	H337697-4660-10-042-0001
Waste	Steensby Inlet Environmental Waste Management Building Layout	E337697-PM406-50-014-0003
Waste	Steensby Inlet Incinerator General Arrangement Plan and Elevations ECO 1.ON1P Incinerator	E337697-PM406-50-042-0005
Waste	Steensby Inlet Incinerator General Arrangement Sections ECO 1.ON1P Incinerator	E337697-PM406-50-042-0010
Waste	Steensby Inlet Landfill and Landfarm Site Layout	H337697-4660-10-014-0001

TOPIC	REPORT TITLE	DOCUMENT NUMBER
Waste	Hydrocarbon Impacted Soils Storage and Landfarm Facility - General Arrangement of Typical Landfarm	E337697-0000-10-042-0001