

Hope Bay Mining Ltd.

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April 28, 2010

Dionne Filiatrault Excutive Director Nunavut Water Board P.O. Box 119 Gjoa Haven, NU XÕB 1JO

Stephanie Autut Excutive Director Nunavut Impact Review Board P.O. Box 1360 Cambridge Bay, NU X0B 0C0

# Re: 2AM-DOH0713 Proposed, Issued for Construction, and As Built Drawings

Dear Ms. Filiatrault and Ms. Autut,

Further to your meeting with Chris Hanks, Jim Spenceley, and Brad Armstrong in February, please find included with this letter a set of drawings of the Doris North facilities constructed to date. These drawings compile the proposed plans, issued for construction plans, and as built plans for the Doris North facilities.

Should you have any questions regarding these drawings, please contact Chris Hanks at chris.hanks@newmont.com.

Sincerely,

Léa-Marie Bowes-Lyon email:-lea-marie.bowes-lyon@newmont.com, c=CA
Date: 2010.04.28 14:30:16 -07'00'

Digitally signed by Léa-Marie Bowes-Lyon ON: cn=Léa-Marie Bowes-Lyon, o=Hope Bay Mining Ltd., ou=ESR,

Léa-Marie Bowes-Lyon Land Tenure and Permitting Coordinator Hope Bay Mining Ltd.



# Doris North Project: Proposed/IFC/As Built Drawings

#### Site Arrangement

- 1. Doris North Site Arrangement Drawings (prepared on February 1, 2010 by SRK Engineering)
  - a. Drawing 1: Belt Wide General Arrangement
  - b. Drawing 2: Roberts Bay Area General Arrangement
  - c. Drawing 3: Doris Airstrip Area General Arrangement
  - d. Drawing 4: Doris North Area General Arrangement

#### Facilities Described in 2AM-DOH0713 and Constructed to Date

- 2. All Weather Access Road (note to date HBML has only constructed portion from Roberts Bay to Doris North camp site)
  - a. Relevant Drawings Submitted with Original Water License Application:
    - Drawings S15 thru S26, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
    - ii. Typical plan and cross section of the caribou crossings are presented in Drawing S-10, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
    - Typical culvert installation details are shown on Drawing S-11, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
    - iv. Road turnout installation details are shown on Drawing S-11, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
  - b. Issued for Construction Drawings
    - i. SRK Dwg. S-03, Rev. D Airstrip and Apron Plan, Typical Sections and Details
    - SRK Dwg. S-10, Rev. C Caribou Crossing Typical Plan and Sections
    - iii. SRK Dwg. S-11, Rev. C Culvert and Road Turnout Typical Plan, Sections and Details
    - iv. SRK Dwg. S-15, Rev. C North Primary Road Plan and Profile (Station 00+00 11+79) and Typical Section
    - v. SRK Dwg. S-16, Rev. D South Primary Road and Plan Profile (Station 0+000 2+000)
    - vi. SRK Dwg. S-17, Rev. D South Primary Road Plan and Profile (Station 2+000 3+337)
    - vii. SRK Dwg. S-18, Rev. C Secondary Road Plan and Profile (Station 0+000 0+851)
    - viii. SRK Dwg. S-21, Rev. E South Primary, Secondary, Float Plane and Explosives Access Secondary Stake Out Points

- ix. SRK Dwg. S-24, Rev. C Float Plane Dock and Portal Access Road Plan and Profile
- x. SRK Dwg. S-27, Rev. B South Primary Road and Turnout Typical Section and Detail
- xi. SRK Dwg. S-28, Rev. A New Thermistor Installation for Pads/Roads
- xii. SNC-Lavalin Area 0000, Dwg. 0008, Rev. PB Rock Drain Details
- c. As-Built Drawings for Constructed Facilities
  - SNC-Lavalin Area 0000, Dwg. 0003, Rev. 1 General Site Plan Plan View
  - ii. SNC-Lavalin Area 0000, Dwg. 0005, Rev. 1 Doris Camp General Arrangement Plan
  - iii. SNC-Lavalin Area 1550, Dwg. 0002, Rev. 1 Roberts Bay Airstrip and Apron Plan and Section

## 3. Beach Laydown Area

- a. Relevant Drawings Submitted with Original Water License Application
  - i. SRK Dwg. S-01, Rev B Beach Laydown Area and Fuel Transfer Station Plan
  - SRK Dwg. S-02, Rev B Beach Laydown Area and Fuel Transfer Station Section and Details
- b. Issued for Construction Drawings
  - SRK Dwg. S-01, Rev. C Beach Laydown Area and Fuel Transfer Station Plan
  - ii. SRK Dwg. G-02b, Rev. B Roberts Bay temporary Fuel Tank Farm Layout.
  - SRK Dwg. J-04, Rev. B Jetty Laydown Area and Emergency Shelter Pad Plan
- c. As-Built Drawings for Constructed Facilities
  - SNC-Lavalin Area 0000, Dwg. 0005, Rev. 1 Roberts Bay Laydown Area 2008 General Arrangement Plan
  - SNC-Lavalin Area 0000, Dwg. 0012, Rev. 1 Roberts Bay Jetty General Arrangement Plan
  - iii. SNC-Lavalin Area 1320, Dwg. 0001, Rev. 2 Roberts Bay Tank Farm General Arrangement

### 4. Fresh Water Intake

- a. Drawings Submitted with Original Water License Application:
  - SRK Dwg. T-11, Rev. B. Tailings Slurry, Reclaim, fresh-Water Make-up and Decant Pipelines Layout
  - ii. SRK Dwg. T-12, Rev. B Typical Pipeline Details. See Detail #7
- b. Issued for Construction Drawings
  - SNC-Lavalin Area 1330, Dwg. 0002, Rev. 0 Doris Lake Intake Pump House General Arrangement Plan & Profile
  - SNC-Lavalin Area 1330, Dwg. 0003, Rev. 0 Fresh Water Supply Pipeline (Permanent) Plan, Profile & Section
- As-Built Drawings for Constructed Facilities
  - i. SNC-Lavalin Area 0000, Dwg. 0003, Rev. 1 General Site Plan
  - SNC-Lavalin Area 1330, Dwg. 0002, Rev. 1 Doris Lake Intake Pump House General Arrangement Plan & Profile

iii. SNC-Lavalin Area 1330, Dwg. 0003, Rev. 2 – Fresh Water Supply Pipeline (Permanent) Plan, Profile & Section

## 5. Fuel Storage and Containment Facility

- a. Drawings Submitted with Original Water License Application:
  - Drawings S-01, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
  - Drawing S-02, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
  - Drawing S-05, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
  - iv. Drawing S-06, Engineering Drawings for Surface Infrastructure Components and Tailings Containment Area, Supporting Document S4 to the Revised Water License Application Support Document, April 2007
  - v. Water Licence Pre-Hearing Technical Information Supplement Figure 1, Project No. 334499
- b. Issued for Construction Drawings
  - SNC-Lavalin Area 1320, Dwg. 0002, Rev. 0 Doris Camp Tank Farm Plan and Sections
  - SNC-Lavalin Area 1320, Dwg. 0003, Rev. 0 Roberts Bay Tank Farm Final Grading Plan
  - iii. SNC-Lavafin Area 1320, Dwg. 0004, Rev. 0 Roberts Bay Diesel Fuel Tank Final Grading Section
  - iv. SNC-Lavalin Area 1320, Dwg. 0005, Rev. 0 Roberts Bay Diesel Fuel Tank Final Grading Sections and Details
  - v. SNC-Lavalin Area 1320, Dwg. 0004, Rev. 0 Roberts Bay Tank Farm Pipe Bench Plan and Profile
  - vi. SNC-Lavalin Area 1320, Dwg. 0009, Rev. 0 Doris Camp Tank Farm General Arrangement
- c. As-Built Drawings for Constructed Facilities
  - SNC-Lavalin Area 1320, Dwg. 0001, Rev. 2 Roberts Bay Tank Farm General Arrangement
  - ii. SNC-Lavalin Area 1320, Dwg. 0002, Rev. 3 Doris Camp Tank Farm Plan and Sections
  - SNC-Lavalin Area 1320, Dwg. 0003, Rev. 6 Roberts Bay Tank Farm Final Grading Plan
  - iv. SNC-Lavalin Area 1320, Dwg. 0004, Rev. 4 Roberts Bay Diesel Fuel Tank Final Grading Section
  - v. SNC-Lavalin Area 1320, Dwg. 0005, Rev. 6 Roberts Bay Diesel Fuel Tank Final Grading Sections and Details
  - vi. SNC-Lavalin Area 1320, Dwg. 0006, Rev. 1 Roberts Bay Diesel Fuel Tank Quarry 1 As-Built Information Plan

#### 6. Quarries

- a. Drawings Submitted with Original Water License Application
  - SRK Dwg. G-02, Rev. A General Arrangement. The following two notes are of relevance:
    - Note #3: "The Contractor is responsible to develop rock quarries within the general designated boundaries shown on this drawing. Prior to quarry development, the Contractor must provide the Construction Manager with a detailed quarry development plan for approval."
    - Note #5: "Rock quarry #4 is in the same location as the Mill pad. Rock excavated in this location can be used as general fill."
- b. Issued for Construction Drawings
  - i. IFC drawings were not issued and are not required as indicated on SRK IFC Dwg. G-02a, Rev. C – General Arrangement, Note #3: "The Contractor is responsible to develop rock quarries within the general designated boundaries shown on this drawing. Prior to quarry development, the Contractor must provide the Construction Manager with a detailed quarry development plan for approval."
- c. As-Built Drawings for Constructed Facilities
  - i. SNC-Lavalin Area 1320, Dwg. 0006, Rev. 1 Roberts Bay Diesel Fuel Tank Quarry 1 As-Built Information Plan
  - Quarry #2 is still an active quarry and therefore a final as-built has not yet been produced. The as-built limits of the quarry as it stands today is shown on SNC-Lavalin Area 1000, Dwg. 0005, Rev. 1 – Doris Camp General Arrangement Plan.
  - iii. The Mill pad area has not been constructed and therefore the quarry #4 as-built drawing has not been produced. The as-built limits of the quarry as it stands today is shown on SNC-Lavalin Area 1000, Dwg. 0005, Rev. 1 Doris Camp General Arrangement Plan..

#### 7. Sewage Treatment Plant

- a. Drawings Submitted with Original Water License Application
  - i. None were submitted
- b. Issued for Construction Drawings
  - SNC-Lavalin Area 1000, Dwg. 0004, Rev. 0 Doris Camp Site Services Plan.
  - SNC-Lavalin Area 1000, Dwg. 0005, Rev. 0 Doris Camp Site Services Sections & Details – Sheet 1.
  - SNC-Lavalin Area 1000, Dwg. 0006, Rev. 1 Doris Camp Site Services Sections & Details – Sheet 2
  - iv. SNC-Lavalin Area 1000, Dwg. 0007, Rev. 0 Doris Camp Site Services Sections & Details – Sheet 3
  - v. SNC-Lavalin Area 1330, Dwg. 0004, Rev. 0 Treated Sewage Effluent Pipeline (Permanent and Temporary) Plan, Profile & Section
- As-Built Drawings for Constructed Facilities
  - SNC-Lavalin Area 1000, Dwg. 0004, Rev. 2 Doris Camp Site Services Plan.
  - SNC-Lavalin Area 1000, Dwg. 0005, Rev. 2 Doris Camp Site Services Sections & Details – Sheet 1.

- iii. SNC-Lavalin Area 1000, Dwg. 0006, Rev. 2 Doris Camp Site Services Sections & Details Sheet 2
- iv. SNC-Lavalin Area 1000, Dwg. 0007, Rev. 1 Doris Camp Site Services Sections & Details – Sheet 3
- v. SNC-Lavalin Area 1330, Dwg. 0004, Rev. 2 Treated Sewage Effluent Pipeline (Permanent and Temporary) Plan, Profile & Section

#### 8. Airstrip

- a. Relevant Drawings Submitted with Original Water License Application: 1
  - SRK Dwg, S-03, Rev B Airstrip and Apron Plan, Typical Sections and Details
- b. Issued for Construction Drawings
  - SRK Dwg, S-03, Rev D Airstrip and Apron Plan, Typical Sections and Details
- As-Built Drawings for Constructed Facilities
  - SNC-Lavalin Area 1550 Dwg. 002, Rev 1 Roberts Bay, Airstrip and Apron Plan and Section

## 9. Camp

- a. Relevant Drawings Submitted with Original Water License Application
  - i. SRK Dwg. S-07, Rev B Camp and Mill Pad Plan
  - ii. SRK Dwg. S-08, Rev B Camp and Mill Pad, Typical Sections and Detail
- b. Issued for Construction Drawings
  - i. SNC-Lavalin Area 1000, Dwg. 0004, Rev 0 Doris Camp Site Services, Plan
  - ii. SNC-Lavalin Area 1320, Dwg. 0010, Rev 0 Doris Camp Site Layout, Plan -- Sheet 1
  - iii. SNC-Lavalin Area 1320, Dwg. 0011, Rev 0 Doris Camp Site Layout, Plan Sheet 2
  - iv. SNC-Lavalin Area 1320, Dwg. 0014, Rev 0 Doris Camp Final Grading, Plan Sheet 1
  - v. SNC-Lavalin Area 1320, Dwg, 0015, Rev 0 Doris Camp Final Grading, Plan Sheet 2
- As-Built Drawings for Constructed Facilities
  - i. SNC-Lavalin Area 0000, Dwg. 0027, Rev 1 Control Points
  - SNC-Lavalin Area 1000, Dwg. 0005, Rev 1 Doris Camp General Arrangement Plan
  - iii. SNC Lavalin Area 1000, Dwg. 0006, Rev 0 Matrix Camp. Temporary Campsite as Built
  - SNC-Lavalin Area 1000, Dwg. 0004, Rev 2 Doris Camp Site Services, Plan
  - SNC-Lavalin Area 1320, Dwg. 0010, Rev 7 Doris Camp Site Layout, Plan - Sheet 1
  - vi. SNC-Lavalin Area 1320, Dwg. 0011, Rev 5 Doris Camp Site Layout, Plan -- Sheet 2

<sup>&</sup>lt;sup>1</sup> Note these drawings are not specifically referenced in 2AM-DOH0713

- vii. SNC-Lavalin Area 1320, Dwg. 0014, Rev 4 Doris Camp Final Grading, Plan Sheet 1
- viii. SNC-Lavalin Area 1320, Dwg. 0015, Rev 3 Doris Camp Final Grading, Plan Sheet 2

#### 10. Jetty

- a. Relevant Drawings Submitted with Original Water License Application
  - i. SRK Dwg. J-01, Rev. B Jetty Plan
  - ii. SRK Dwg J-02, Rev. B Jetty Typical Section and Details Sheet 1 of 2
  - iii. SRK Dwg. J-03, Rev. B Jetty Typical Section and Details Sheet 2 of 2
- b. Issued for Construction Drawings
  - i. SRK Dwg. J-01, Rev. D Jetty Plan
  - ii. SRK Dwg. J-02, Rev. D Jetty Typical section and Details Sheet 1 of 2
  - iii. SRK Dwg. J-03, Rev. D Jetty Typical Section and Details Sheet 2 of 2
  - iv. SRK Dwg. J-05, Rev. A Geogrid Panel Layout
  - v. SRK Dwg. J-06, Rev. A Fish Habitat Compensation Jetty Spur Design by Golder Associates
  - vi. SRK Dwg. J-07, Rev. C Fish Habitat Compensation Shorefast Spur Design by Golder Associates
- c. As-Built Drawings for Constructed Facilities
  - i. SNC-Lavalin Area 0000, Dwg. 0012, Rev. 1 Roberts Bay Jetty General Arramgement Plan
  - ii. SNC-Lavalin Area 1315, Dwg. 0001, Rev. 1 Roberts Bay Habitat Fisheries Compensation Plans and Sections