

## Scope of Work

**PLANT:** Mary River Project  
**AREA:** Milne Inlet  
**BUILDING:** Bladder Farm Decommissioning

**DATE:** Aug 26, 2013

**PROJECT #:**

**Prepared by:**  
**Dave McCann**  
**Revision No.:** 1  
**Allan Knight**

### **PROJECT TITLE: Milne Inlet Bladder Farm Decommissioning – Phase I**

#### 1. GENERAL

Provide all necessary labour, materials, equipment and services required to perform the Phase I Milne Inlet Bladder Farm Decommissioning as indicated by the specifications, drawings and this scope of work. Read this scope of work to determine the total Work.

#### 2. WORK INCLUDES

The work includes the following:

##### Bladders and Piping

1. Pump and drain all residual fuel from all bladders containing fuel to transfer tankers or barrels and remove from the lined bermed area and store as required inside a lined secondary containment area as directed by the construction manager
2. Fold bladders and place in containers lined with enviroliner
3. Drain and disassemble all hoses and piping, remove from the secondary containment and store in an area designated by the area construction manager

##### Secondary Containment Earthen Berm

1. Phase I decommissioning of the earth berm consists of the following tasks:
  - a. Create a central earthen berm by removing soil from the liner across the width of a section of the berm, cut the liner and create a hydrocarbon contaminated soil secondary containment area approximately a third the size of the total area
  - b. Under the supervision and direction of an environmental technician or engineer, transfer the hydrocarbon contaminated soil from the remaining 2/3 of the fuel farm to the new soil temporary storage section of the existing berm.
  - c. Remove all free liner and store separately in secondary containment area secured from the wind.
  - d. Excavate any hydrocarbon contaminated soil that may escape outside the lined area and transfer to the temporary storage section
  - e. None of the decommissioned areas are to be covered until soil samples have been collected and the area released by the Baffinland Superintendent of the Environment.
  - f. Cover the stockpiled hydrocarbon contaminated soil in the temporary storage section with waterproof tarps and tied down with tires over the edge of the berm to prevent water accumulation inside the storage area. Tarps shall be supplied by Baffinland.

### 3. JOB CONDITIONS

#### 3.1 Safety

- Nuna Logistics shall comply with the Health and Safety requirements of their existing contract with Baffinland Iron Mines
- Nuna Logistics shall complete a Job Hazard Analysis prior to beginning decommissioning work
- The Bladder Farm area as is currently delimited is designated a no smoking, no burning, welding or open flame area. This shall continue through the commissioning period

#### 3.2 Permits and Passes

- Nuna Logistics shall obtain an excavation permit for all excavation work

#### 3.3 Schedule

- Start Date:

Or; if start / completion dates have been allocated for the Work use the following:

Start Date: Aug 29<sup>th</sup>, 2013.....

Estimated Completion Date: Sept 6<sup>th</sup>, 2013

#### 3.4 Project Management

- Invoicing
  - All equipment and labour hours shall be charged to a standalone separate account

#### 3.5 As Constructed Drawings and Reports.

- The contractor shall upon completion of the work submit the following:
  - Survey of bladder farm area upon completion of phase I scope
  - Submit an As Constructed Report of the following:
    - A record of construction activities from the start of phase I decommissioning to the end of Phase I decommissioning.
    - A record of construction QA/QC.
    - Photographs pre and post decommissioning