

Waste Management Plan Town of Hay River

Project	Porritt Landing Dredging
Location	Hay River, NT
Date of Submission	May 27 th , 2019
Version #	2
Submitted by	Earle Dumas
Submitted to	MVLWB

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1. Introduction and Project Details

The Town of Hay River has developed this Waste Management Plan for The Porritt landing Dredging Project in accordance with the Mackenzie Valley Land and Water Board's [Guidelines for Developing a Waste Management Plan](#).

1.1. Corporate Contact Information

The following Table 1 presents the key corporate information for The Town of Hay River.

Table 1: Town of Hay River Contact Information

Position	Information
Company (Head Office)	Judy Goucher
	#73 Woodland Drive, Hay River NT.
	(867) 874-6522
	sao@hayriver.com
Company (On-Site)	Rowes Construction
	Hay River, NT.
	(867) 875-8442
	mrowe@rowes.ca
Project Manager	Earle Dumas
	11 Smith Trail, Hay River NT.
	(867) 875-7030
	earled@northwetel.net
Contractor/ Sub-contractor	Rowes Construction
	Hay River N.T.
	(867) 875-8442
	mrowe@rowes.ca

1.2. Effective Date

This Waste Management Plan is effective as of May 24th 2019. While this Plan is undergoing a public review, the previous version of the Plan shall take precedence and be acted in accordance with until the Board approves a subsequent Plan version.

1.3. Revisions

The Waste Management Plan is a living document that will be reviewed annually, at a minimum, and prior to the start of any site activities, with additional reviews as warranted. Updates should be made to reflect changes in waste management locations and practices, and new personnel and associated contact information. Table 2 presents a summary of the versions of this Plan and any revisions made; it is updated each time a revision is made to the Plan. This ensures stakeholders have the most current copy of the Plan.

Table 2: Version and Revision History

Version #	Date	Sections/Pages revised	Summary of Changes/Comments
v.1	March 5 th , 2018	New Plan	First submission
v.2	May 24 th , 2019	Update	Updated submission

1.4. Recipients

Table 3 identifies who the most recent version of the Plan has been distributed to:

Table 3: Recipients of this Version of the Waste Management Plan

Name	Position
Judy Goucher	SAO-Town of Hay River
Ross Potter	Emergency Services Director-TOHR
Rowes Construction	Rowes Construction-Contractor

1.5. Copies of Current Version of the Plan

Copies of the most current version of the Waste Management Plan are available on-site at all times at the following locations:

- Supervisors Pick up/Excavator

Additional copies of the Spill Contingency Plan can be obtained by contacting the Town of Hay River.

1.6. Purpose and Scope

The purpose of this Waste Management Plan is to outline the management of various waste types at the Porritt landing Dredging Project by The Town of Hay River and all contractors on-site. The Plan identifies the various waste types and characteristics; describes the sources of waste generation; provides estimates of the amounts (volume or mass) of wastes to be produced; and includes consideration of potential environmental effects, social factors, and regulatory factors including compliance with all applicable acts, regulations, authorizations, land use permits, and water licences. The Plan has been prepared to ensure proper disposal of waste.

1.7. Environmental, Health and Safety (EHS)

The Waste Management Plan will be presented to all staff (employees and contractors) during their on-site orientation sessions, including where copies of the Plan can be located on-site.

1.8. Project Description

The aim of the Porritt Landing Dredging Project is to ensure there is adequate water depth to safely launch and dock recreational watercraft within this park land area. Once the dredging project is complete the Town of Hay River will be installing a floating finger system dock to allow watercraft docking for safe access for users. The current water depth will not allow a safe docking area for watercraft as there have been water levels less than 300mm deep.

The Town of Hay River anticipates these activities will occur in the Summer/Fall of 2019.

1.9. Site Description

Porritt Landing is currently used as a boat launch and dock for recreational watercraft. It currently has a sheet pile retaining wall that installed many years ago as well as a floating dock system that is installed in the spring and removed in the fall. There is currently a parking lot for vehicle and boat trailers as well a picnic table area with fire pits.

In the event of a spill local fish would be at risk for this location however there is no water current in this area as it is a dead end of the River for the existing dock and boat launch. Any spill would be easily contained to a small local area and prepped for a quick clean-up. Erosion control measure are not required as the steel dock face is the river edge and sediment control of the effected area is by floating silt curtain across the waterway.

2. Waste Types, Management Methods, and Infrastructure

2.1 Waste Types

The wastes types generated on-site will include the following:

- Silt, sand, clay type river bottom materials. Approximate volumes of 800M3

2.2 Waste Management Methods

Materials will be excavated with a hydraulic excavator from shore and loaded into truck and hauled to stock pile locations as indicated on the maps in the Appendix. This area will be bermed off with existing materials as not to allow any water run off from entering the Hay River, if needed silt fencing will also be installed. There will be no equipment entering the water aside from the excavator bucket. Sediment containment within the construction area will be the use of a floating silt curtain to within 300mm of the river bottom and from shore to shore (approx. 28meters)

3. Off-Site Waste Disposal

All excavated materials will be hauled to the stockpile site approximately 500-700 meters away from the project. Stockpiled materials once dried will be used as common fill for MTS. (letter attached) These sites have been historically used for stockpile sites of dredged materials. See attached Image.

4. Waste Management Plan Review and Update

Table 4: Version and Revision History

Version #	Date	Sections/Pages revised	Summary of Changes/Comments
v.1	March 5 th , 2018	New Plan	First submission
v.2	May 24 th , 2019	Updated Section 2.2	Updated Submission

Appendix A: Site Maps

