

Waste Management Plan

Berthiaume Arboriculture Ltd



Project	Salt Mountain firewood harvest
Location	First Smith, NT
Date of Submission	10-04-2022
Version #	1

Submitted by
Submitted to

Marc-Antoine Berthiaume
MVLWB

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1. Introduction and Project Details

Berthiaume Arboriculture Ltd. has developed this Waste Management Plan for Salt mountain firewood harvest 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 Berthiaume Arboriculture Ltd

Table 1: Berthiaume Arboriculture Ltd Contact Information

Position	Information
Company (Head Office)	Marc-Antoine Berthiaume
	10 wrigley drive, Fort Smith, NT
	819-852-2825
	Ma.berthiaume91@gmail.com
Company (On-Site)	Same as above
Project Manager	Same as above
Contractor/ Sub-contractor	

1.2. Effective Date

This Waste Management Plan is effective as of 04-10-22. 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	04-10-2022	1-12	First 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

1.5. Copies of Current Version of the Plan

Copies of the most current version of the Waste Management Plan are available at the following locations:

- Main office 10 Wrigley drive Fort Smith
- Compagny's garage, 1 Pine Lake Road Fort Smith
- Location.

Additional copies of the Spill Contingency Plan can be obtained by contacting Berthiaume Arboriculture Ltd DIRECTLY USING THE CONTACT INFORMATION IN TABLE 2 OR NAME/CONTACT INFORMATION.

1.6. Purpose and Scope

The purpose of this Waste Management Plan is to outline the management of various waste types at the Salt Mountain Firewood Harvest by Berthiaume Arboriculture Ltd 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)

- Senior managers are responsible for ensuring that all the requirements of this EHS Policy are fully implemented.
- All managers and supervisors are responsible for ensuring that their employees are trained in safe work procedures, to undertake their assigned duties without accidents, injuries or harm to the environment, and for ensuring that employees follow safe work methods and all related regulations.
- All personnel are to:

- Comply with existing regulations;
- Protect the environment as is technically feasible and economically practical;
- Cooperate with other groups on the protection of the environment;
- Implement, support, and adhere with the EHS Policy and any associated programs by making safety, health and protection of the environment a part of their daily routine;
- Follow safe work methods and relevant regulations. Where a conflict arises due to different standards or requirements between different regulations or standards, the more stringent of the two will apply;
- Report unsafe practices or areas in need of improvement; and
- Keep employees, government officials, and the general public informed.

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 Salt Mountain firewood harvest is to harvest and process firewood on top of salt mountain by Fort Smith. A compact tractor will be used to move logs and a mobile firewood processor will be on site. Logs are going to be store on site. An access trail will be cleared for the area further away from the road.

Logs will be transformed into firewood and delivered to Fort Smith.

Berthiaume Arboriculture Ltd anticipates these activities will occur at times from fall 2023 until fall 2027.

1.9. Site Description

Site is located right along fox hole road where most of the gravel quarries in Fort Smith are located. Site has been previously disturbed by wildfire resulting in a large amount of dead trees over the area where firewood will be harvested. The processing and access will cover a total of 1 hectare and harvesting will cover a total of 24 hectares.

See map on **Appendix A**

2. Waste Types, Management Methods, and Infrastructure

2.1. Waste Types

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

- Hazardous or potentially hazardous wastes:
 - Contaminated soils
 - Used oil, fuels, lubricants, greases , oil filters, and solvents
- Solid waste, empty oil jugs, worn chains
- Saw dust

- Sewage / Human wastes

2.2. Waste Management Methods

Used oil/filter will be taken to RDV mechanical (Oil changes and equipment maintenance will be done in town unless absolutely necessary proper container will be used to avoid spills)

Contaminated soil would be taken to TDC contracting

Solid waste like empty jugs or worn chains is taken to town daily and taken to Fort Smith’s landfill
 A jug of bar oil is used every two days of processing, chains are replaced every week.
 Small container of gas line antifreeze are occasionally used

Saw dust and bark will be burnt on site when weather allows
 About a cubic meter of sawdust is produced every two days of processing for a total of about 20 cubic metres per year produced. A portion of the wooden waste may also be used to reclaim the site at the end of the operations.

3. Off-Site Waste Disposal

All waste material in the exception of organic waste will be taken to Fort Smith landfill. See APPENDIX B for letter from town of Fort Smith.

Organic waste like saw dust, limbs and bark will be burnt

Table 4: Version and Revision History

Version #	Date	Sections/Pages revised	Summary of Changes/Comments
v.1	DATE	ENTER SECTIONS/PAGES REVISED	First submission

Appendix A: Site Maps



August 31, 2022

Legend

Scale 1: 9,028

250 metres



UTM Zone: 12

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Department of Lands.

Appendix B: Town of Fort Smith



TOWN OF FORT SMITH

Post Office Box 147, Northwest Territories, X0E 0P0

November 24, 2022

To Whom it May Concern:

Please be advised that solid waste that is produced on Marc Antoine Berthiaume's wood lot will be accepted at the Town of Fort Smith landfill site.

Should you require more information or have any questions please do not hesitate to contact me at (867) 872-8400.

Sincerely,

Michelle Gauthier
Clerk/Receptionist

Attach