



Final Report No. 081210

Prepared for:  
Halifax Regional  
Municipality

## Point Pleasant Park Forest Work Plan

Final Report

November, 2008



ISO 9001  
Registered Company

# Contents

Chapter 1	Introduction .....	1
1.1	Project Background .....	1
1.2	Project Objective .....	1
Chapter 2	Sampling Methodology .....	2
2.1	Sampling Extent .....	2
2.2	Timing of Fieldwork .....	2
2.3	Field Crews .....	2
2.4	Forest Stand and Sampling Unit Delineation .....	2
2.4.1	Quantitative Sampling.....	3
2.4.2	Qualitative Sampling.....	4
2.5	Crusher Dust Migration.....	4
2.6	Wetland Delineation.....	4
2.7	Archaeological Features .....	4
2.8	Views and Sight-lines.....	4
2.9	Data Collection and Determining.....	5
2.9.1	Date Record Sheets .....	5
2.9.2	GIS Integration.....	5
2.9.3	Sampling Frequency and Timing and Limitation .....	5
Chapter 3	Existing Conditions .....	6
3.1	Comprehensive Plan’s Forest Prescription.....	6
3.1.1	Determination and Extent of South-Facing Slopes .....	6
3.1.2	Determination and Extent of Level & Gentle Slopes.....	6
3.2	Park’s Forests Today .....	6
3.2.1	Species Richness and Exotics .....	7
3.3	Wetlands, Archaeology and Other Landscape Features of Interest.....	7
3.3.1	Wetlands .....	8
3.3.2	Archaeological Features.....	8
3.3.3	Views and Sightlines.....	9
3.3.4	Crusher Dust Migration .....	9
Chapter 4	Forest Management .....	10
4.1	Background -Objectives .....	10
4.2	Competition .....	11
Chapter 5	Treatment .....	13

5.1	Background - Height Stratums .....	13
5.2	Density Control .....	13
5.3	Fill Planting .....	14
5.4	Past Treatments .....	16
Chapter 6	Management Areas and Work Plans .....	17
6.1	Five Management Areas .....	17
6.2	South-Facing Slopes .....	17
6.3	Level and Gentle Slopes .....	18
6.4	Container Terminal Screen .....	19
6.5	Immature Witness Groves .....	20
6.6	Mature Witness Groves .....	21
Chapter 7	Exceptions and Other Related Management Issues .....	22
7.1	Exceptions to Work Plans .....	22
	7.1.1 Vegetation Management Options for Wetlands, Vernal Pools and Other Low-lying areas .....	22
	7.1.2 Vegetation Management Options for Archaeological Sites .....	23
7.2	Other Vegetation Management and Maintenance Issues .....	25
	7.2.1 Vegetation Salvage Potential in Road Resurrection .....	25
	7.2.2 Invasive Vegetation Management .....	27
	7.2.3 Mitigation of Crusher Dust Migration .....	28
	7.2.4 Views and Sightliness .....	29
Chapter 8	Literature Cited .....	36

## Appendices

- A Example of Quantitative Plot Sample Data Collection Field Sheet
- B Species List
- C Dominant Tree Species by Stand (all height strata)
- D Wetlands Information
- E Archaeology Information
- F Summary Treatment Suitability Matrix