Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Studies

Paterson Group Inc.

Consulting Engineers 154 Colonnade Road South Ottawa (Nepean), Ontario Canada K2E 7J5

Tel: (613) 226-7381 Fax: (613) 226-6344 www.patersongroup.ca

patersongroup

Phase I Environmental Site Assessment 304 Baldwin Avenue Cornwall, Ontario

Prepared For

J.F. Markell Homes Limited

February 16, 2020

Report: PE5117-1

North Bay

304 Baldwin Avenue Cornwall, Ontario

TABLE OF CONTENTS

EXEC	CUTIVE SUMMARY	ii
1.0	INTRODUCTION	
2.0	PHASE I PROPERTY INFORMATION	2
3.0	SCOPE OF INVESTIGATION	3
4.0	RECORDS REVIEW	4
	4.1 General	
	4.2 Environmental Source Information	
5.0	INTERVIEWS	
6.0	SITE RECONNAISSANCE	9
	6.1 General Requirements	9
	6.2 Specific Observations at Phase I Property	9
7.0	REVIEW AND EVALUATION OF INFORMATION	11
	7.1 Land Use History	11
	7.2 Conceptual Site Model	12
8.0	CONCLUSION	13
9.0	STATEMENT OF LIMITATIONS	14
10.0	REFERENCES	
Figur Figur Draw	of Figures re 1 - Key Plan re 2 - Topographic Map ving PE5117-1 - Site Plan ving PE5117-2 - Surrounding Land Use Plan	
Link	of Appondicas	

List of Appendices

Appendix 1 Aerial Photographs Site Photographs

Appendix 2 MECP Freedom of Information Search Request MECP Water Well Records

TSSA Correspondence

ERIS Report

Appendix 3 Qualifications of Assessors



Ottawa Kingston North Bay

304 Baldwin Avenue Cornwall, Ontario

EXECUTIVE SUMMARY

Assessment

A Phase I – Environmental Site Assessment was carried out for 304 Baldwin Avenue, in Cornwall, Ontario. The purpose of this environmental assessment was to research the past and current use of the subject site and adjacent properties and identify any environmental concerns with the potential to impact the subject property.

Based on a review of historical sources, the Phase I Property was initially developed with a flower shop which operated until circa 1980, when it was used for commercial and residential purposes. The surrounding lands have consisted of residential dwellings, institutional buildings, and commercial uses. Six (6) PCAs were identified through the ERIS Database report and are a result of five (5) waste generators and their associated waste classes as well as a furnace oil spill record. Based on their separation distances and cross or down gradient orientation with respect to the subject site, the identified PCAs do not result in APECs for the Phase I Property.

Following the historical review, a site visit was conducted. The Phase I Property is currently vacant. No environmental concerns were identified regarding the current use of the subject property.

The surrounding land use consisted primarily of residential dwellings, a large sports field, and some institutional buildings. No PCAs were identified with respect to the surrounding land use.

Based on the findings of the Phase I-ESA, it is our opinion that a Phase II-ESA is not required for the Phase I Property. Please note that responses to agency search requests received after the issuance of the report could affect our conclusion.