

APPENDIX I

FOREST STAND DELINEATION



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January 16, 2009

Mr. Jonathan Bowman
Carroll County Maryland
Bureau of Resource Management
225 N. Center Street
Westminster, MD 21157

- Engineers
- Planners
- Surveyors
- Landscape Architects
- Environmental Consultants

RE: Forest Stand Delineation Report and Plan
Carroll County Regional Airport
Town of Westminster, Carroll County, Maryland
RETTEW Project No. 07-02455-002
CERTIFIED MAIL Phase 447

Dear Mr. Bowman:

Attached is the Forest Stand Delineation (FSD) Report and Plans for the Carroll County Regional Airport Property. The Carroll County Regional Airport Site is located in the Town of Westminster, Carroll County, Maryland and appears on the New Windsor and Westminster, Maryland U.S. Geological Survey (USGS) 7.5-minute quadrangles (Latitude N 39° 36' 51.57" and Longitude W 77° 0' 41.68") (See FSD Report).

RETTEW is providing one copy of the report and two copies of the plans on behalf of Carroll County. Attached are also the Forest Conservation Application (please see the appropriate County official for applicant signature) and FSD Plan checklist with the appropriate information within the report and/or plan.

A Forest Conservation Plan will follow and will be forwarded upon completion. Should you have any questions or need additional information, please contact me at (717) 394-3721. Thank you very much for your assistance.

Sincerely,

Bryan Kondikoff
Biologist 2

Enclosure

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Forest Stand Delineation Report
for
Carroll County Regional Airport
Carroll County, Maryland

January 2009

PREPARED FOR:

CARROLL COUNTY DEPARTMENT OF PLANNING

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Prepared by:


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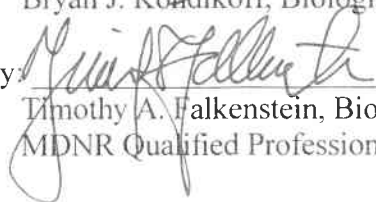

Timothy A. Falkenstein, Biologist/
MDNR Qualified Professional

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 SITE DESCRIPTION	1
2.1 Topography and Drainage	1
2.2 Geology and Soils	1
2.3 Waters of the United States and Floodplain	4
2.4 Rare, Threatened and Endangered Species	4
3.0 FOREST STAND DELINEATION.....	6
3.1 Introduction	6
3.2 Methods.....	6
3.3 Results	6
Forest Stand A.....	6
Forest Stand B.....	7
Forest Stand C.....	7
Forest Stand D.....	8
Forest Stand E.....	8
Forest Stand F.....	9
Forest Stand G.....	9
Forest Stand H.....	10
Forest Stand I.....	10
Forest Stand J.....	10
Forest Stand K.....	11
3.4 Specimen Trees.....	11
3.5 Conclusions.....	11

TABLES

Table 1: Soil Map Units within Area of Review4

FIGURES

Figure 1: USGS 7.5 minute Topographic Map, New Windsor and Westminster Quadrangles.....2
Figure 2: Carroll County, MD Soils Map.....3
Figure 3: National Wetlands Inventory Map5

APPENDICES

Appendix A: Stand Summary Sheets
Appendix B: Photographs
Appendix C: Specimen Tree List
Appendix D: Data Forms
Appendix E: Rare, Threatened and Endangered Species Correspondence
Appendix F: Professional Qualifications
Appendix G: Forest Stand Delineation Map

1.0 INTRODUCTION

RETTEW Associates, Inc. (RETTEW) has prepared this Forest Stand Delineation (FSD) Report for the Carroll County Regional Airport to document the existing forest conditions and other natural resources on the site. The following information outlines the review of the published resource materials, existing site conditions, and results of the forest stand delineation field investigation.

2.0 SITE DESCRIPTION

The Carroll County Regional Airport Site is located in the Town of Westminster, Carroll County, Maryland and appears on the New Windsor and Westminster, Maryland U.S. Geological Survey (USGS) 7.5-minute quadrangles (Latitude N 39° 36' 51.57" and Longitude W 77° 0' 41.68") (Figure 1). The proposed plans are still in the feasibility stages; however, expansions of the airport may include runway extensions, new hangars, commercial and industrial buildings, supporting infrastructure, etc. The area of investigation includes a portion of the airport property and several adjacent parcels totaling approximately 811.37 acres. The entire property is transected and border by several roads and is also bounded by commercial and private properties. The site is dominated by a mixture of vegetative communities, which include mowed lawns, agricultural fields, mature woods, successional woods, and wetlands. There are several small streams that are tributaries to Bear Branch of Big Pipe Creek. There are also numerous palustrine emergent/scrub-shrub/forested wetlands within the Carroll County Regional Airport Site. These are all non-tidal resources.

2.1 Topography and Drainage

The Carroll County Regional Airport Site is comprised of level to gently rolling topography. Review of the New Windsor and Westminster, Maryland USGS 7.5-minute quadrangle maps revealed that the existing topography within the site ranges between approximately 655 to 856 feet. Surficial drainage is conveyed downslope in a northeasterly and southwesterly direction.

2.2 Geology and Soils

According to the Carroll County, MD Soil Survey (USDA 1969), the Carroll County Regional Airport Site is located in the Glenelg- Manor- Mt. Airy and Mt. Airy- Glenelg soil associations. The Glenelg- Manor- Mt. Airy association consists of well to somewhat excessively drained, mainly hilly soils that are deep over mica schist. The Mt. Airy- Glenelg association mainly consists of somewhat excessively drained, rolling to very steep, channery soils that are moderately deep over schist. The soil units mapped within the area of investigation can be found in Figure 2 and are listed in Table 1.