

Ryan, Athens County, OFTL, 2022

Background & Site Information

Landowner Information

Name: Eric S. & Kelly R. Ryan

Phone: 614-579-2036

Owner Address: 13926 Tick Ridge Rd., Amesville, OH 45711

Property Address: Same as above

Township: Bern

Parcel ID(s): D010010004508, D010010004700

Total Deeded Acreage: 48.19

Qualifying Acreage*: 48.19

Case # (if applicable): N/A

Plan Status: New

Prepared: 07/25/2022

Expires: 07/25/2032

**Final qualifying acreage dependent upon government agency; this is an estimation*



Table of Contents

Introductory Letter.....2

Table of Contents.....3

Background & Site Information.....5

Landowner Objectives.....7

Location Map.....8

Pre-settlement Statewide Vegetative Cover.....9

Historical Maps (*if available*)10

OFTL Aerial.....11

Stand Map Aerial.....12

Stand Map Topographical.....13

Soil Map.....14

Forest Productivity Map.....16

Treatment Schedule.....18

Treatment Map.....19

Existing & Desired Future Conditions by Stand.....20

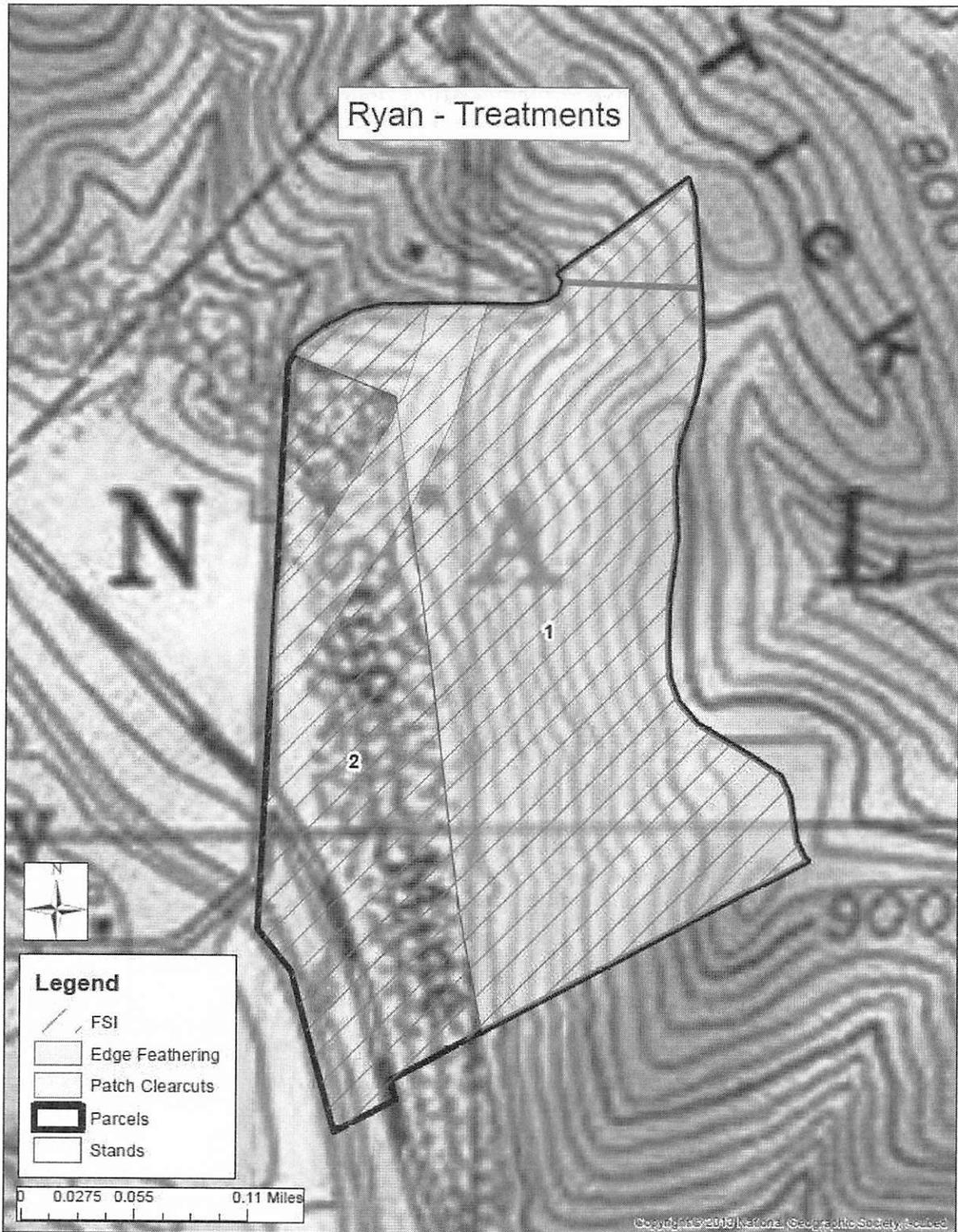
Forest Resources26

Additional Considerations.....37

Glossary.....40

Acknowledgements & References.....41





Existing & Desired Future Conditions

Forested Stand Description and Management Recommendations

Stand #: 1 – 31 acres

Forest Cover Type: Oak-Hickory

Size Class: Small/Medium sawtimber

Basal Area: 90 sq. ft./ac.

Topography: Steep with westerly aspect

Dominant Overstory Tree Species: Red oak, white oak, sugar maple

Dominant Midstory Tree Species: Sugar maple, red maple, American elm

Dominant Understory Tree Species: Sugar maple, red maple, American elm

Dominant Herbaceous Species: None

Mast-producing Species: Oak, hickory

Invasive Species: Multiflora rose, Japanese barberry, honeysuckle

Insect and/or Disease Present: None

Concerns: Lack of available sunlight and desirable tree regeneration

Past Management: Grapevine and invasive species control, firewood removals

Existing Forest Conditions

This stand is typical of a closed-canopy forest which means there is not a lot of sunlight reaching the forest floor due to overstory crowding and shading. Without much of an understory present, wildlife needs are not particularly met in this stand. Timber growth within a closed-canopy forest is also stagnant due to lack of growing space.

Management Recommendations

1. The control and removal of non-native invasive species and detrimental grapevine.
2. A non-commercial midstory and overstory reduction method called patch clearcutting is recommended. Patch clearcuts consist of the removal of the majority of undesirable midstory and



MAP LEGEND

- Area of Interest (AOI)**
-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  <= 66
-  > 66 and <= 75
-  > 75 and <= 81
-  > 81 and <= 85
-  Not rated or not available
- Soil Rating Lines**
-  <= 66
-  > 66 and <= 75
-  > 75 and <= 81
-  > 81 and <= 85
-  Not rated or not available
- Soil Rating Points**
-  <= 66
-  > 66 and <= 75
-  > 75 and <= 81
-  > 81 and <= 85
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Athens County, Ohio
 Survey Area Data: Version 23, Sep 1, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 5, 2012—Mar 26, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

