| 1              | Title  |  |  |  |  |
|----------------|--|--|--|--|--|
| 2              | Forest Conservation Requirements and Standards in the City of Annapolis - For the          |  |  |  |  |
| 3              | purpose of revising requirements and standards for forest conservation in the City of      |  |  |  |  |
| 4              | Annapolis; providing forest stand delineation and forest conservation plan requirements    |  |  |  |  |
| 5              | providing exceptions to Chapter 21.71 of the City Code; providing for variance             |  |  |  |  |
| 6              | procedures; and all other matters generally relating to forest conservation in the City of |  |  |  |  |
|                | Annapolis.   |  |  |  |  |
| 8              | Body   | Ÿ  |  |  |  |
| 9              |  |  |  |  |  |
| 10             | CITY COUNCIL OF THE  |  |  |  |  |
| 11             | City of Annapolis  |  |  |  |  |
| 12             |  |  |  |  |  |
| 13             | Ordinance 32-14 (Amended)  |  |  |  |  |
| 14             |  |  |  |  |  |
| 15             | Refer  | red to   |  |  |  |
| 16             | Econo  | omic Matters Committee   |  |  |  |
| 17             | Envir  | onmental Matters Committee   |  |  |  |
| 18             | Rules and City Government Committee  |  |  |  |  |
| 19             | Finan  | ce Committee   |  |  |  |
| 20             |  |  |  |  |  |
| 21             |  |  |  |  |  |
| 22             | Introduced by: Alderman Littmann, Alderman Arnett, Mayor Pantelides                        |  |  |  |  |
| 23             |  |  |  |  |  |
|                | An O   | RDINANCE concerning  |  |  |  |
| 25             |  |  |  |  |  |
| 26<br>27       | F  | Forest Conservation Requirements and Standards in the City of Annapolis            |  |  |  |
|                | FOR  | the purpose of revising requirements and standards for forest conservation in the  |  |  |  |
| 29             |  | City of Annapolis; providing forest stand delineation and forest conservation plan |  |  |  |
| 30             |  | requirements; providing exceptions to Chapter 21.71 of the City Code; providing    |  |  |  |
| 31             |  | for variance procedures; and all other matters generally relating to forest        |  |  |  |
| 32             |  | conservation in the City of Annapolis.   |  |  |  |
| 33             |  | • •  |  |  |  |
|                | BY   | repealing and re-enacting with amendments the following portions of the Code of    |  |  |  |
| 35             |  | the City of Annapolis, 2013 Edition  |  |  |  |
| 36             |  | Section 17.09.025  |  |  |  |
| 37             |  | Section 21.24.090  |  |  |  |
| 38             |  | Section 21.24.120  |  |  |  |
| 39             |  |  |  |  |  |
| 10             | BY   | adding the following portions to the Code of the City of Annapolis, 2012 Edition   |  |  |  |
| 11             |  |  |  |  |  |
| 12             |  | Section 21.13.010  |  |  |  |
| 13             |  | Section 21.13.020  |  |  |  |
| 14             |  | Section 21.13.030  |  |  |  |
| <del>1</del> 5 |  | Section 21.13.040  |  |  |  |
| 16             |  | Section 21.13.050  |  |  |  |

```
Section 21.13.060
 1
            Section 21.13.070
2
            Section 21.13.080
 3
            Section 21.13.090
 4
            Section 21.13.100
 5
            Section 21.13.110
6
            Section 21.13.120
7
            Section 21.13.130
8
            Section 21.13.140
9
            Section 21.13.150
10
11
            Section 21.13.160
            Section 21.13.170
12
            Section 21.13.180
13
            Section 21.13.190
14
```

SECTION I: BE IT ESTABLISHED AND ORDAINED BY THE ANNAPOLIS CITY COUNCIL that the Code of the City of Annapolis shall be amended to read as follows:

18 19 20

17

### CHAPTER 21.71 – FOREST CONSERVATION

21

- 22 21.71.010 PURPOSE AND GENERAL PROVISIONS.
- TO REVISE AND IMPLEMENT A LOCAL FOREST CONSERVATION PROGRAM FOR PROTECTING FORESTS AND SENSITIVE AREAS THROUGH SITE
- 25 PLANNING.

26

- 27 21.71.020 TERMS AND DEFINITIONS.
- 28 IN THIS CHAPTER, THE FOLLOWING TERMS HAVE THE MEANINGS 29 INDICATED.

30

- 31 "AFFORESTATION" MEANS:
- 32 A. ESTABLISHMENT OF A FOREST ON AN AREA WHERE FOREST COVER 33 DOES NOT EXIST; OR
- 34 B. PLANTING OF OPEN AREAS IN WHICH THERE IS NO EXISTING FOREST COVER.

36 37

"APPLICANT" MEANS A PERSON WHO HAS SUBMITTED AN APPLICATION.

- 39 "APPLICATION" MEANS AN APPLICATION FOR APPROVAL OF A PLANNED
- 40 DEVELOPMENT, SPECIAL EXCEPTION, SUBDIVISION, SITE DESIGN PLAN, OR
- 41 PROJECT PLAN, OR A GRADING OR SEDIMENT CONTROL PERMIT, IN
- 42 RELATION TO WHICH THERE HAS BEEN SUBMITTED A FOREST STAND
- 43 DELINEATION FOR A CERTIFICATION OF COMPLETE AND CORRECT, A
- 44 PRELIMINARY FOREST CONSERVATION PLAN FOR REVIEW, OR A FINAL
- 45 FOREST CONSERVATION PLAN FOR APPROVAL, FOR A TRACT OF LAND
- 46 THAT IS 40,000 SOUARE FEET OR GREATER.

- 2 "APPROVED FOREST MANAGEMENT PLAN" MEANS A DOCUMENT:
- A. APPROVED BY THE DEPARTMENT OF NATURAL RESOURCES FORESTER
   ASSIGNED TO THE CITY; AND
  - B. THAT OPERATES AS A PROTECTIVE AGREEMENT FOR FOREST CONSERVATION AS DESCRIBED IN THE NATURAL RESOURCES ARTICLE, §§5-1607(E)---(F).

7 8

5

6

9 "BREAK-EVEN POINT" MEANS THE AMOUNT OF FOREST THAT, ACCORDING 10 TO THE FOREST CONSERVATION TECHNICAL MANUAL, MUST BE 11 RETAINED SO THAT NO MITIGATION IS REQUIRED.

12

"CALIPER" MEANS THE DIAMETER MEASURED AT TWO INCHES ABOVE
 THE ROOT COLLAR.

15

"CHAMPION TREE" MEANS THE LARGEST TREE OF ITS SPECIES WITHIN THE
 UNITED STATES, A STATE, A COUNTY, OR A MUNICIPALITY.

18

19 "COMAR" MEANS THE CODE OF MARYLAND REGULATIONS, AS AMENDED FROM TIME TO TIME.

21

"COMMERCIAL AND INDUSTRIAL USES" MEANS MANUFACTURING
 OPERATIONS, OFFICE COMPLEXES, SHOPPING CENTERS, AND OTHER
 SIMILAR USES, AND THEIR ASSOCIATED STORAGE AREAS, YARDING AND
 PARKING AREAS.

26

"CONTIGUOUS FOREST" MEANS A FOREST THAT CONNECTS THE LARGEST
 UNDEVELOPED OR MOST VEGETATED TRACTS OF LAND WITHIN, AND
 ADJACENT TO, A SITE.

30

- 31 "CRITICAL HABITAT AREA" MEANS A CRITICAL HABITAT FOR AN 32 ENDANGERED SPECIES AND ITS SURROUNDING PROTECTION AREA. A 33 CRITICAL HABITAT AREA SHALL:
- A. BE LIKELY TO CONTRIBUTE TO THE LONG-TERM SURVIVAL OF THE SPECIES;
- 36 B. BE LIKELY THAT THE SPECIES WILL OCCUPY THE AREA FOR THE 37 FORESEEABLE FUTURE; AND
- C. CONSTITUTE HABITAT OF THE SPECIES THAT IS CONSIDERED CRITICAL PURSUANT TO THE NATURAL RESOURCES ARTICLE, §§4-2A-04 AND 10-2A-06.

41

"CRITICAL HABITAT FOR ENDANGERED SPECIES" MEANS A HABITAT AN ENDANGERED SPECIES OCCUPIES AS DETERMINED OR LISTED IN THE NATURAL RESOURCES ARTICLE, §§4-2A-04 AND 10-2A-04.

1 "DBH" MEANS DIAMETER AT BREAST HEIGHT, TREE DIAMETER MEASURED AT 4.5 FEET ABOVE THE GROUND.

- "DECLARATION OF INTENT" MEANS:
- A. A SIGNED AND NOTARIZED STATEMENT OF A LANDOWNER OR A LANDOWNER'S AGENT'S THAT CERTIFIES AN ACTIVITY ON THE LANDOWNER'S PROPERTY:
  - 1. IS FOR CERTAIN ACTIVITIES EXEMPTED PURSUANT TO THIS CHAPTER OR THE NATURAL RESOURCES ARTICLE, §§5-103 AND 5-1601---5-1612:
  - 2. DOES NOT CIRCUMVENT THE REQUIREMENTS OF THIS CHAPTER OR THE NATURAL RESOURCES ARTICLE, §§5-103 AND 5-1601—5-1612; AND
  - 3. DOES NOT CONFLICT WITH THE PURPOSES OF ANY OTHER DECLARATION OF INTENT.
- 16 B. THE DOCUMENT REQUIRED UNDER COMAR 08.19.01.05 OR THIS CHAPTER.

"DEPARTMENT" MEANS THE CITY OF ANNAPOLIS DEPARTMENT OF PLANNING AND ZONING.

"DEVELOPMENT PLAN" MEANS A DRAWING OR DRAWINGS WHICH DELINEATE A PLANNED DEVELOPMENT, SPECIAL EXCEPTION, SUBDIVISION, SITE DESIGN PLAN, OR PROJECT PLAN, OR A GRADING OR SEDIMENT CONTROL PERMIT, OR A FOREST STAND DELINEATION FOR REVIEW, A PRELIMINARY FOREST CONSERVATION PLAN FOR REVIEW, OR A FINAL FOREST CONSERVATION PLAN FOR APPROVAL FOR A TRACT OF LAND THAT, IN ITS EXISTING OR REDEVELOPED STATE, IS 40,000 SQUARE FEET OR GREATER.

"DEVELOPMENT PROJECT" MEANS THE GRADING, CONSTRUCTION OR REGULATED ACTIVITIES OCCURRING ON A SPECIFIC TRACT OF LAND THAT, IN ITS EXISTING OR REDEVELOPED STATE, IS 40,000 SQUARE FEET OR GREATER.

- "DEVELOPMENT PROJECT COMPLETION" MEANS, FOR PURPOSES OF AFFORESTATION, REFORESTATION, OR PAYMENT INTO THE FOREST CONSERVATION FUND, THE TIME OF:
  - A. THE RELEASE OF ANY REQUIRED BOND;
  - B. ANY REQUIRED TRANSFER OF TITLE TO THE CITY ACKNOWLEDGING ACCEPTANCE OF THE DEVELOPMENT PROJECT'S STREETS, UTILITIES, AND FACILITIES; AND
- C. ANY REQUIRED DEPARTMENT OR STATE DESIGNATION THAT A
  DEVELOPMENT PROJECT HAS BEEN COMPLETED, OR A PARTICULAR
  STAGE OF A STAGED DEVELOPMENT PROJECT HAS BEEN
  COMPLETED, AND DOCUMENTED IN WRITING TO THE DEPARTMENT.

2 "DNEP" MEANS THE CITY OF ANNAPOLIS DEPARTMENT OF 3 NEIGHBORHOOD AND ENVIRONMENTAL PROGRAMS.

4 "ENVIRONMENT ARTICLE" MEANS THE ENVIRONMENT ARTICLE OF THE ANNOTATED CODE OF MARYLAND. AS AMENDED FROM TIME TO TIME.

"ERODIBLE SOILS" MEANS SOILS WITH A K-FACTOR OF .35 OR GREATER.

## "FOREST" MEANS:

- A. A BIOLOGICAL COMMUNITY DOMINATED BY TREES AND OTHER WOODY PLANTS COVERING A LAND AREA OF 10,000 SQUARE FEET OR GREATER, WHICH INCLUDES:
  - 1. AREAS WHICH HAVE AT LEAST 100 LIVE TREES PER ACRE WITH AT LEAST 50% OF THOSE TREES HAVING A TWO INCH OR GREATER DIAMETER AT FOUR AND A HALF FEET ABOVE THE GROUND AND LARGER; AND
  - 2. AREAS WHICH HAVE BEEN CUT ALTHOUGH NOT CLEARED.
- B. FOREST DOES NOT INCLUDE ORCHARDS.

"FOREST CONSERVATION" MEANS THE RETENTION OF EXISTING FOREST OR THE CREATION OF NEW FOREST AT THE LEVELS WHICH THIS CHAPTER SETS.

"FOREST CONSERVATION AND MANAGEMENT AGREEMENT" MEANS AN AGREEMENT AS REFERENCED IN THE TAX- PROPERTY ARTICLE, §8-211, OF THE ANNOTATED CODE OF MARYLAND.

"FOREST CONSERVATION TECHNICAL MANUAL" MEANS THE CITY FOREST CONSERVATION TECHNICAL MANUAL THAT IS USED TO ESTABLISH MINIMUM STANDARDS ASSOCIATED WITH PREPARING A FOREST STAND DELINEATION— AND FOREST CONSERVATION PLAN. THE STANDARDS IN THE CITY FOREST CONSERVATION TECHNICAL MANUAL, INCLUDING AMENDMENTS, WHICH EXIST ON THE DATE A FOREST CONSERVATION PLAN IS SUBMITTED, SHALL CONSTITUTE THE MINIMUM STANDARDS REQUIRED FOR APPROVAL OF A FOREST CONSERVATION PLAN. UNTIL SUCH TIME AS THE CITY ADOPTS A FOREST CONSERVATION TECHNICAL MANUAL, THE CITY SHALL USE THE STANDARDS SET FORTH IN THE STATE FOREST CONSERVATION TECHNICAL MANUAL AS MINIMUM STANDARDS. A CITY FOREST CONSERVATION TECHNICAL MANUAL AND ANY AMENDMENTS THERETO SHALL REQUIRE CITY COUNCIL REVIEW AND APPROVAL

"FOREST CONSERVATION PLAN" MEANS A FOREST CONSERVATION PLAN APPROVED PURSUANT TO THIS CHAPTER.

"FOREST COVER" MEANS THE AREA OF A SITE MEETING THE DEFINITION 1 2 OF FOREST.

3

- 4 "FOREST MANAGEMENT PLAN" MEANS A PLAN ESTABLISHING BEST
- CONSERVATION AND MANAGEMENT PRACTICES FOR A LANDOWNER IN
- ASSESSING THE RESOURCE VALUES OF FORESTED PROPERTY. 6
- "FOREST MITIGATION BANK" MEANS AN AREA OF LAND WHICH HAS BEEN 7
- INTENTIONALLY AFFORESTED OR REFORESTED FOR THE EXPRESS 8
- PURPOSE OF PROVIDING CREDITS FOR REFORESTATION REQUIREMENTS. 9

10

- "FOREST MITIGATION BANK AGREEMENT" MEANS AN AGREEMENT 11
- BETWEEN THE CITY AND THE OWNER OF A FOREST MITIGATION BANK 12
- COMMITS THE BANKER TO CERTAIN PROCEDURES 13
- REQUIREMENTS WHEN CREATING AND OPERATING THE FOREST 14
- MITIGATION BANK. 15

16

- "FOREST MITIGATION BANK PLAN" MEANS A PLAN AN INDIVIDUAL 17 PROPOSING TO ESTABLISH A FOREST MITIGATION BANK SUBMITS TO THE 18
- DEPARTMENT FOR APPROVAL OF A FOREST MITIGATION BANK. 19

20

- "FOREST STAND DELINEATION" MEANS THE COMPLETE AND CORRECT 21
- INVENTORY AND EVALUATION OF THE EXISTING VEGETATION, 22
- 23 WETLANDS, AND OTHER NATURAL RESOURCES, INCLUDING BUT NOT
- LIMITED TO HYDRIC SOILS, SOILS WITH K FACTORS .35 OR GREATER, AND 24
- ANY SLOPES OF .15% OR GREATER ON A SITE PROPOSED FOR 25
- 26 DEVELOPMENT, AS PROVIDED IN THE FOREST CONSERVATION TECHNICAL
- 27 MANUAL.

28

- 29 "GROWING SEASON" MEANS THE PERIOD OF CONSECUTIVE FROST-FREE
- DAYS AS INDICATED IN THE CURRENT SOIL SURVEY PUBLISHED BY THE 30 NATIONAL COOPERATIVE SOIL SURVEY PROGRAM, 16 U.S.C. §590(A)—(F). 31

32

- "HEALTHY FORESTS" MEANS A BIOLOGICAL COMMUNITY WHERE TREES 33
- AND OTHER WOODY PLANTS DOMINATE AND COVER A LAND AREA OF 34
- 10,000 SQUARE FEET OR GREATER, WITH AT LEAST 70% CANOPY CLOSURE, 35
- TREE RECRUITMENT, INCLUDING MID-TO-LATE SUCCESSIONAL SPECIES, 36
- SUFFICIENT FOR A FOREST TO SUSTAIN ITSELF WITHOUT INTERVENTION, 37
- LESS THAN 35% AREA COVERAGE OF INVASIVE SPECIES, AND NOT 38
- ENDANGERED BY INSECT, DISEASE, STORM, OR OTHER DAMAGE, AS THE 39
- DEPARTMENT SHALL SO DETERMINE. 40

- "HIGH DENSITY RESIDENTIAL AREAS" MEANS AREAS ZONED FOR 42
- DENSITIES GREATER THAN ONE DWELLING UNIT PER ACRE, INCLUDING 43
- BOTH EXISTING AND PLANNED DEVELOPMENT AND THEIR ASSOCIATED 44
- 45 INFRASTRUCTURE, SUCH AS ROADS, UTILITIES, AND WATER AND SEWER
- SERVICE. 46

"INSTITUTIONAL DEVELOPMENT AREA" MEANS SCHOOLS, COLLEGES, AND UNIVERSITIES, MILITARY INSTALLATIONS, TRANSPORTATION FACILITIES, UTILITY AND SEWER PROJECTS, GOVERNMENT OFFICES AND FACILITIES, GOLF COURSES, RECREATION AREAS, PARKS, AND CEMETERIES.

5 6 7

8

9

10

11

12

"INTERMITTENT STREAM" MEANS A STREAM AS DEFINED IN SECTION 26.23.01.01 OF COMAR, OR THOSE AREAS THAT ARE SURFACE WATERS, CONTAINED WITHIN A DEFINED CHANNEL OR BED, THAT FLOW AT LEAST ONCE PER YEAR AS EVIDENCED BY HYDRAULICALLY SORTED SEDIMENT, REMOVAL OF VEGETATIVE LITTER, OR LOOSELY ROOTED VEGETATION THROUGH THE ACTION OF MOVING WATER INDICATING A DEFINED CHANNEL OR BED.

13 14 15

16

17

18

19 20 "LANDSCAPING PLAN" FOR PURPOSES OF THIS CHAPTER MEANS A PLAN WHICH:

- A. IS DRAWN TO SCALE, SHOWING DIMENSIONS AND DETAILS FOR REFORESTING AN AREA AT LEAST 35 FEET WIDE AND COVERING 2,500 SOUARE FEET OR GREATER IN SIZE;
- B. USES NATIVE OR INDIGENOUS PLANTS WHEN APPROPRIATE; AND
- C. IS PART OF AN APPROVED FOREST CONSERVATION PLAN.

21 22 23

24

25 26

27

28

29

### "LINEAR PROJECT" MEANS A PROJECT WHICH:

- A. IS ELONGATED WITH NEARLY PARALLEL SIDES;
- B. IS USED TO TRANSPORT A UTILITY PRODUCT OR PUBLIC SERVICE NOT OTHERWISE CONTAINED IN AN APPLICATION FOR SUBDIVISION, SUCH AS ELECTRICITY, GAS, WATER, SEWER, COMMUNICATIONS, TRAINS, AND VEHICLES; AND
- C. MAY TRAVERSE FEE SIMPLE PROPERTIES THROUGH DEFINED BOUNDARIES, OR ESTABLISHED EASEMENT RIGHTS.

30 31 32

33

"LOCAL AGENCY" MEANS EACH UNIT IN THE EXECUTIVE, LEGISLATIVE, OR JUDICIAL BRANCH OF A COUNTY OR MUNICIPAL GOVERNMENT, INCLUDING AN OFFICE OR DEPARTMENT.

343536

37

38

39

40

41

42

43

44

"LOT" FOR PURPOSES OF THIS CHAPTER MEANS A UNIT OF LAND, THE WHICH **BEEN** BOUNDARIES OF HAVE **ESTABLISHED** THROUGH SUBDIVISION OF A LARGER PARCEL, WHICH WILL NOT BE SUBJECT OF FURTHER SUBDIVISION WITHOUT AN APPROVED FOREST STAND DELINEATION AND FOREST CONSERVATION PLAN. AS DEFINED IN THE NATURAL RESOURCES ARTICLE, §5-1601, AND THIS CHAPTER, "MAINTENANCE AGREEMENT" MEANS THE SHORT-TERM MANAGEMENT AGREEMENT ASSOCIATED WITH AFFORESTATION OR REFORESTATION PLANS REQUIRED PURSUANT TO THE NATURAL RESOURCES ARTICLE, §5-1605, AND THIS CHAPTER.

- 1 "MIXED USE DEVELOPMENT" MEANS A HIGH DENSITY DEVELOPMENT
- 2 PROJECT, WHICH INCLUDES TWO OR MORE RESIDENTIAL, OFFICE, OR
- 3 COMMERCIAL USES.
- 4 "NATURAL REGENERATION" MEANS THE NATURAL ESTABLISHMENT OF
- 5 TREES AND OTHER VEGETATION WITH AT LEAST 400 WOODY, FREE-TO-
- 6 GROW SEEDLINGS PER ACRE, WHICH ARE CAPABLE OF REACHING A
- 7 HEIGHT OF AT LEAST 20 FEET AT MATURITY.

9 "NATURAL RESOURCES ARTICLE" MEANS THE NATURAL RESOURCES 10 ARTICLE OF THE ANNOTATED CODE OF MARYLAND, AS AMENDED FROM 11 TIME TO TIME.

 NATURAL RESOURCES INVENTORY ("NRI") MEANS A COMPILATION OF NATURAL SITE FEATURES INCLUDING, BUT NOT LIMITED TO, FOREST DELINEATION, GEOLOGICAL DATA, TOPOGRAPHY, SOILS SERIES AND PPOPERTIES, WATERSHED DATA INCLUDING FLOODPLAINS, WATER RESOURCES INCLUDING SURFACE WATER, GROUND WATER AND WETLANDS, WILDLIFE HABITATS AND CONNECTIONS.

# "NET TRACT AREAS" MEANS:

- A. EXCLUDING AGRICULTURE AND RESOURCE AREAS, THE TOTAL AREA OF A SITE, INCLUDING BOTH FORESTED AND NONFORESTED AREAS, TO THE NEAREST 1/10 ACRE, REDUCED BY THAT AREA WHERE FOREST CLEARING IS RESTRICTED BY THIS CHAPTER OR OTHER LAW;
- B. IN AGRICULTURE AND RESOURCE AREAS, THE PART OF THE TOTAL TRACT FOR WHICH LAND USE WILL BE CHANGED OR WILL NO LONGER BE USED FOR PRIMARILY AGRICULTURAL ACTIVITIES, REDUCED BY THAT AREA WHERE FOREST CLEARING IS RESTRICTED IN THIS CHAPTER OR OTHER LAW;
- C. FOR A LINEAR PROJECT, THE AREA OF A RIGHT-OF-WAY WIDTH, NEW ACCESS ROADS, AND STORAGE, OR THE LIMITS OF DISTURBANCE AS SHOWN ON AN APPLICATION FOR SEDIMENT AND EROSION CONTROL APPROVAL OR IN A CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTION.

### NON-TIDAL WETLANDS.

- A. "NON-TIDAL WETLANDS" MEANS AN AREA WHERE:
  - 1. SURFACE OR GROUNDWATER INUNDATES OR SATURATES AT A FREQUENCY AND DURATION SUFFICIENT TO SUPPORT, AND UNDER NORMAL CONDITIONS DOES SUPPORT, A PREVALENCE OF VEGETATION TYPICALLY ADAPTED FOR LIFE IN SATURATED SOIL CONDITIONS, COMMONLY KNOWN AS HYDROPHYTIC VEGETATION; OR
  - 2. IS CONSIDERED A NON-TIDAL WETLAND IN ACCORDANCE WITH THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S

1989 "FEDERAL MANUAL FOR IDENTIFYING **AND** 1 2 DELINEATING JURISDICTIONAL WETLAND." B. "NON-TIDAL WETLANDS" DOES NOT INCLUDE TIDAL WETLANDS 3 REGULATED PURSUANT TO THE NATURAL RESOURCES ARTICLE, 4 TITLE 9. 5 6 "OFF-SITE" MEANS ANY LAND OUTSIDE OF THE LIMITS OF THE AREA 7 8 ENCOMPASSED BY THE TRACT OR PARCEL OF RECORD.ON WHICH THE ACTIVITY IS PROPPOSED. 9 10 "ON-SITE" MEANS ANY LAND WITHIN THE LIMITS OF THE AREA 11 ENCOMPASSED BY THE TRACT OR PARCEL OF RECORD, INCLUDING AN 12 AREA CLASSIFIED AS A 100-YEAR FLOODPLAIN, ON WHICH THE ACTIVITY 13 14 IS PROPOSED. 15 "100-YEAR FLOOD" MEANS A FLOOD WHICH HAS A 1% CHANCE OF BEING 16 17 EQUALED OR EXCEEDED IN ANY GIVEN YEAR. EXCEPT FOR CLASS III WATERS (NATURAL TROUT STREAMS), A BODY OF WATER WITH A 18 19 WATERSHED LESS THAN 400 ACRES IS EXCLUDED. 20 "100-YEAR FLOODPLAIN" MEANS AN AREA ALONG, OR ADJACENT TO, A 21 STREAM OR BODY OF WATER, EXCEPT TIDAL WATERS, THAT IS CAPABLE 22 23 OF STORING OR CONVEYING FLOODWATERS DURING A 100-YEAR FREQUENCY STORM EVENT, OR A 100-YEAR FLOOD. 24 25 26 "PERENNIAL STREAM" MEANS A STREAM CONTAINING SURFACE WATER THROUGHOUT AN AVERAGE RAINFALL YEAR, AS SHOWN ON THE MOST 27 RECENT 7.5 MINUTE TOPOGRAPHIC OUADRANGLE PUBLISHED BY THE 28 29 UNITED STATES GEOLOGIC SURVEY, OR AS DEFINED IN COMAR 26.23.01.01 AND CONFIRMED BY FIELD VERIFICATION, OR A STREAM WHICH FLOWS 30 CONTINUOUSLY DURING ALL OF THE CALENDAR YEAR AS A RESULT OF 31 32 GROUND WATER DISCHARGE OR SURFACE RUNOFF. 33 "PERSON" MEANS THE FEDERAL GOVERNMENT, THE STATE, A COUNTY, A 34 MUNICIPAL CORPORATION, OR OTHER POLITICAL SUBDIVISION OF THE 35 STATE, OR ANY OF THEIR UNITS, OR AN INDIVIDUAL, RECEIVER, 36 TRUSTEE, GUARDIAN, EXECUTOR, ADMINISTRATOR, FIDUCIARY, OR 37 REPRESENTATIVE OF ANY KIND, OR ANY PARTNERSHIP, FIRM, 38 ASSOCIATION, PUBLIC OR PRIVATE CORPORATION, OR ANY OF THEIR 39 AFFILIATES, OR ANY OTHER ENTITY. 40 41 "PLANNED DEVELOPMENT" FOR PURPOSES OF THIS CHAPTER MEANS A 42 DEVELOPMENT THE CITY HAS APPROVED AND IS COMPRISED OF A 43 COMBINATION OF LAND USES OR VARYING INTENSITIES OF THE SAME 44 LAND USE IN ACCORDANCE WITH AN INTEGRATED PLAN WHICH 45

PROVIDES FLEXIBILITY IN LAND USE DESIGN WITH AT LEAST 20% OF THE

1 LAND PERMANENTLY DEDICATED TO OPEN SPACE IN RESIDENTIAL 2 PLANNED DEVELOPMENTS AND AT LEAST 5% IN BUSINESS AND SPECIAL 3 MIXED USE PLANNED DEVELOPMENTS.

"PLANTING PLAN" MEANS A LABELED DIAGRAM THAT SHOWS THE QUANTITIES, LOCATION, SIZE, SHAPE, COLOR, DETAILS AND SPECIFICATIONS OF SPECIFIC PLANTS TO BE USED IN THE LANDSCAPE.

# "PRIORITY RETENTION AREA" MEANS

- A. SPECIFIC AREAS WITH TREES, SHRUBS AND PLANTS LOCATED IN SENSITIVE AREAS INCLUDING, BUT NOT LIMITED TO, 100-YEAR FLOODPLAINS, INTERMITTENT, PERENNIAL AND EPHEMERAL STREAMS AND THEIR BUFFERS, COASTAL BAYS AND THEIR BUFFERS, NON-TIDAL WETLANDS AND THEIR BUFFERS, STEEP SLOPES, HYDRIC SOILS AND CRITICAL HABITATS;
- B. AREAS CONTAINING TREES, SHRUBS, OR PLANTS IDENTIFIED ON THE LIST OF RARE, THREATENED, AND ENDANGERED SPEICIES OF THE U.S. FISH AND WILDLIFE SERVICE OR THE DEPARTMENT;
- C. TREES THAT ARE PART OF A HISTORIC SITE OR ASSOCIATED WITH A HISTORIC STRUCTURE OR DESIGNATED BY THE DEPARTMENT AS A NATIONAL, STATE, OR CITY CHAMPION TREE;
- D. TREES HAVING A DBH OF 24 INCHES OR A DBH OF 75% OF THE CURRENT CHAMPION TREE.

"PROJECT PLAN" MEANS A PERSON'S CONSTRUCTION, GRADING, OR SEDIMENT CONTROL ACTIVITY ON AN AREA OF 40,000 SQUARE FEET OR GREATER. "PROJECT PLAN" MAY ALSO BE A "SITE DESIGN PLAN" PURSUANT TO SECTION 21.22.020.A OF THE CITY CODE.

"PUBLIC UTILITY" MEANS ANY TRANSMISSION LINE OR ELECTRIC GENERATING STATION; OR WATER, SEWER, ELECTRIC, GAS, TELEPHONE, OR TELEVISION CABLE SERVICE LINE.

PUBLIC UTILITIES ARTICLE MEANS THE PUBLIC UTILITIES ARTICLE OF THE ANNOTATED CODE OF MARYLAND, AS AMENDED FROM TIME TO TIME.

### "REFORESTATION" OR "REFORESTED" MEANS

 A. CREATION OF A BIOLOGICAL COMMUNITY DOMINATED BY TREES AND OTHER WOODY PLANTS AND CONTAINING AT LEAST 100 LIVE TREES PER ACRE WITH AT LEAST 50% OF THOSE TREES HAVING THE POTENTIAL TO ATTAIN A TWO INCH OR GREATER DIAMETER MEASURED AT FOUR AND A HALF FEET ABOVE THE GROUND, WITHIN SEVEN YEARS;

B. ESTABLISHMENT OF A FOREST USING STANDARDS IN THE FOREST CONSERVATION TECHNICAL MANUAL;

- 1 C. LANDSCAPING OF AREAS UNDER AN APPROVED LANDSCAPING 2 PLAN ESTABLISHING A FOREST AT LEAST 35 FEET WIDE AND 3 COVERING 2,500 SQUARE FEET OR MORE OF AREA; AND
  - D. FOR A LINEAR PROJECT INVOLVING OVERHEAD TRANSMISSION LINES A BIOLOGICAL COMMUNITY WHERE TREES AND WOODY SHRUBS ARE PREDOMINATE WITH NO MINIMUM HEIGHT OR DIAMETER CRITERIA.

10 11

12

13

14

15

16

4

5

6

- "REGULATED ACTIVITY" MEANS ANY OF THE FOLLOWING ACTIVITIES OCCURING ON A UNIT OF LAND WHICH IS 40,000 SQUARE FEET OR GREATER:
  - A. SUBDIVISION;
  - B. GRADING;
    - C. TREE CLEARING, CUTTING OR DESTRUCTION;
- D. PROJECT PLAN;
  - E. PLANNED DEVELOPMENT; OR
  - F. ACTIVITY WHERE A SEDIMENT CONTROL PERMIT IS REQUIRED.

17 18 19

"RETENTION" MEANS THE DELIBERATE HOLDING AND PROTECTION OF EXISTING TREES, SHRUBS, OR PLANTS ON THE SITE USING STANDARDS IN THE FOREST CONSERVATION TECHNICAL MANUAL.

21 22 23

20

"SEDIMENT CONTROL PLAN" MEANS A PLAN FOR SEDIMENT CONTROL PURSUANT TO CHAPTER 17.08 OF THE CITY CODE.

242526

27

"SEEDLING" MEANS AN UN-BRANCHED WOODY PLANT, LESS THAN 24 INCHES IN HEIGHT AND HAVING A DIAMETER OF LESS THAN ½ INCH MEASURED AT TWO INCHES ABOVE THE ROOT COLLAR.

28 29 30

31

"SELECTIVE CLEARING" MEANS THE PLANNED REMOVAL OF TREES, SHRUBS, AND PLANTS USING SPECIFIC STANDARDS AND PROTECTION MEASURES PURSUANT TO AN APPROVED FOREST CONSERVATION PLAN.

32 33

"SIGNIFICANT TREE" MEANS A CHAMPION TREE, A SPECIMEN TREE, OR A
 TREE LOCATED WITHIN 25 FEET OF THE LIMITS OF DISTURBANCE WITH A
 DIAMETER OF 24 INCHES OR MORE.

37

"SPECIMEN TREE" MEANS A TREE WITH A DIAMETER EQUAL TO OR 38 GREATER THAN 24 INCHES OR THAT IS 75 PERCENT OF THE DIAMETER OF 39 THE STATE CHAMPION TREE. OR A TREE WHICH HAS BEEN DETERMINED 40 BY THE DEPARTMENT DIRECTOR TO BE OF NOTABLE QUALITY AND OR 41 VALUE BECAUSE OF ITS TYPE. SIZE. AGE. HISTORICAL 42 43 SIGNIFICANCE, OR WARRANT SPECIAL CONSIDERATION **AND** ENCOURAGEMENT FOR PRESERVATION. 44

45

46 "STEEP SLOPE" MEANS A SLOPE OF 15% OR GREATER.

- 1 "STREAM BUFFER" MEANS ALL LANDS LYING WITHIN 100 FEET,
- 2 MEASURED FROM THE TOP OF EACH NORMAL BANK OF A PERENNIAL OR
- 3 INTERMITTENT STREAM. THE BUFFER MAY BE EXPANDED BEYOND 100
- 4 FEET IF THE DEPARTMENT DETERMINES SITE CONDITIONS WARRANT AN
- 5 EXPANSION TO PRESERVE NATURAL RESOURCES INCLUDING, BUT NOT
- 6 LIMITED TO, STEEP SLOPES, ERODIBLE SOILS, WETLANDS, PRIORITY
- 7 RETENTION AREAS, OR OTHER SENSITIVE AREAS.

- 9 "SUBDIVISION" MEANS A DIVISION OF A UNIT OF LAND INTO TWO OR
- MORE LOTS OR PARCELS FOR THE PURPOSE OF AN IMMEDIATE OR FUTURE
- 11 TRANSFER OF OWNERSHIP, LEASE, OR DEVELOPMENT OF THE UNIT OF LAND.

13

14 "TAX PROPERTY ARTICLE" MEANS THE TAX PROPERTY ARTICLE OF THE ANNOTATED CODE OF MARYLAND, AS AMENDED FROM TIME TO TIME.

16

17 "TRACT" MEANS PROPERTY THAT IS THE SUBJECT OF AN APPLICATION.

18

- 19 "TREE" MEANS A LARGE, BRANCHED WOODY PLANT HAVING ONE OR
- 20 SEVERAL SELF-SUPPORTING STEMS OR TRUNKS THAT ARE EXPECTED TO
- 21 REACH A HEIGHT OF AT LEAST 20 FEET AT MATURITY.

22

- 23 "VARIANCE" IS AN EXEMPTION GRANTED TO A FEE OWNER OF A TRACT
- 24 FROM ONE OR MORE REQUIREMENTS OF THIS CHAPTER. VARIANCE DOES
- 25 NOT MEAN A ZONING VARIANCE GOVERNED BY CHAPTER 21.28 OF THE
- 26 CIRTY CODE.

27

"WATERSHED" MEANS ALL LAND LYING WITHIN AN AREA DESCRIBED AS
 A SUB-BASIN IN SECTION 26.08.02.08 OF COMAR.

30

"WHIP" MEANS AN UN-BRANCHED WOODY PLANT GREATER THAN 24
 INCHES IN HEIGHT AND HAVING A DIAMETER OF LESS THAN ONE INCH
 MEASURED AT TWO INCHES ABOVE THE ROOT COLLAR.

- 21.71.030 APPLICATION.
- A. THIS CHAPTER SHALL APPLY TO AN APPLICATION SUBMITTED BY ANY
  OF THE FOLLOWING WHICH HAS NOT BEEN APPROVED BY THE
  PLANNING COMMISSION, THE BOARD OF APPEALS, OR THE
  DEPARTMENT, AS THE CASE MAY BE, BEFORE THE EFFECTIVE DATE OF
  THIS ORDINANCE:
- 41 1. A PERSON;
- 42 2. A PUBLIC UTILITY, UNLESS SPECIFICALLY EXEMPTED IN THIS CHAPTER;
- 3. A UNIT OF FEDERAL, STATE, COUNTY OR MUNICIPAL GOVERNMENT,
- 45 INCLUDING A PUBLIC UTILITY OR PUBLIC WORKS PROJECT APPLICANT.
- 46 B. THIS CHAPTER SHALL NOT BE APPLICABLE TO:

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22 23

24

25 26

27

28 29

30

31 32

33

34

35

36

37

38

39

40

41

42

43

44

45

- 1. HIGHWAY CONSTRUCTION ACTIVITIES PURSUANT TO THE NATURAL RESOURCES ARTICLE, §5-103;
  - 2. AGRICULTURAL ACTIVITIES THAT DO NOT RESULT IN A CHANGE TO THE LAND USE CATEGORY, INCLUDING AGRICULTURAL **SUPPORT BUILDINGS** AND RELATED STRUCTURES BUILT IN COMPLIANCE WITH THE CITY CODE. A PERSON ENGAGING IN AN AGRICULTURAL ACTIVITY PROPOSING CLEARING 40,000 SQUARE FEET OR GREATER OF FOREST WITHIN A ONE YEAR PERIOD SHALL REQUIRE COMPLIANCE WITH THIS CHAPTER, UNLESS SUCH PERSON SUBMITS A DECLARATION OF INTENT THAT INCLUDES AN AFFIDAVIT OF THE LANDOWNER THAT THE LANDOWNER WILL **ENGAGE** IN **AGRICULTURAL** ACTIVITIES ON THE LAND FOR FIVE YEARS FROM THE DATE OF THE DECLARATION OF INTENT, AND A SKETCH OF THE PROPERTY THAT SHOWS THE AREAS TO BE CLEARED;
  - 3. THE CUTTING OR CLEARING OF PUBLIC UTILITY RIGHTS-OF-WAY LICENSED PURSUANT TO PUBLIC UTILITY ARTICLE, \$\$7-207 AND 7-208 OR 7-205, OR LAND FOR ELECTRIC GENERATING STATIONS LICENSED PURSUANT TO PUBLIC UTILITY ARTICLE, \$\$7-207 AND 7-208 OR 7-205, IF REQUIRED CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY HAVE BEEN ISSUED IN ACCORDANCE WITH THE NATURAL RESOURCES ARTICLE, \$5-1603(F), AND CUTTING OR CLEARING OF THE FOREST IS CONDUCTED TO MINIMIZE THE LOSS OF FOREST;
  - 4. ROUTINE MAINTENANCE OR EMERGENCY REPAIRS OF PUBLIC UTILITY RIGHTS-OF-WAY LICENSED PURSUANT TO PUBLIC UTILITY ARTICLE, §§7-207 AND 7-208 OR 7-205;
  - 5. ROUTINE MAINTENANCE OR EMERGENCY REPAIRS OF PUBLIC UTILITY RIGHTS-OF-WAY WHICH EXISTED BEFORE THE EFFECTIVE DATE OF THIS CHAPTER, OR INITIAL CONSTRUCTION OF WHICH WAS APPROVED PURSUANT TO THIS CHAPTER;
  - 6. A RESIDENTIAL CONSTRUCTION ACTIVITY CONDUCTED ON AN EXISTING SINGLE LOT OF RECORD AT THE TIME OF APPLICATION, OR A LINEAR PROJECT NOT OTHERWISE EXEMPTED BY THIS CHAPTER, IF THE ACTIVITY DOES NOT RESULT IN THE CUMULATIVE CUTTING, CLEARING, OR GRADING OF MORE THAN 10,000 SQUARE FEET OF FOREST, OR DOES NOT RESULT IN THE CUTTING, CLEARING, OR GRADING OF A FOREST THAT IS SUBJECT TO THE REQUIREMENTS OF A PREVIOUS FOREST CONSERVATION PLAN APPROVED PURSUANT TO THIS CHAPTER;
  - 7. AN ACTIVITY REQUIRED FOR THE PURPOSE OF CONSTRUCTING A DWELLING UNIT INTENDED FOR THE

- USE OF THE OWNER OR A CHILD OF THE OWNER, IF THE
  ACTIVITY DOES NOT RESULT IN CUTTING, CLEARING, OR
  GRADING OF MORE THAN 10,000 SQUARE FEET OF FOREST;
  AN APPLICATION WHICH HAS BEEN FINALLY APPROVED
  BY THE PLANNING COMMISSION, THE BOARD OF APPEALS.
  - BY THE PLANNING COMMISSION, THE BOARD OF APPEALS, OR THE DEPARTMENT, AS THE CASE MAY BE, WITHIN 60 CALENDAR DAYS AFTER THE EFFECTIVE DATE OF THIS ORDINANCE.
  - 9. A REAL PROPERTY TRANSFER OF TITLE, OR A REAL PROPERTY TRANSFER TO PROVIDE A SECURITY, LEASEHOLD, OR OTHER LEGAL OR EQUITABLE INTEREST, OF A PORTION OF A LOT OR PARCEL, IF THE TRANSFER DOES NOT RESULT IN A CHANGE IN LAND USE, OR NEW DEVELOPMENT OR REDEVELOPMENT, WITH ASSOCIATED LAND-DISTURBING ACTIVITIES.
  - 10. AREAS GOVERNED BY THE CHESAPEAKE BAY CRITICAL AREA PROTECTION LAW, NATURAL RESOURCES ARTICLE, §§8-1801---8-1817, INCLUDING BUT NOT LIMITED TO THOSE AREAS UNTO WHICH CRITICAL AREA FOREST PROTECTION MEASURES HAVE BEEN EXTENDED PURSUANT TO THE NATURAL RESOURCES ARTICLE, §5-1602(C);
  - 21.71.040 GENERAL REQUIREMENTS.
    - A. A PERSON SUBMITTING AN APPLICATION TO THE DEPARTMENT AFTER THE EFFECTIVE DATE OF THIS ORDINANCE SHALL:
      - 1. SUBMIT TO THE DEPARTMENT A FOREST STAND DELINEATION AND A PRELIMINARY AND FINAL FOREST CONSERVATION PLAN FOR THE LOT OR PARCEL ON WHICH THE DEVELOPMENT IS TO BE LOCATED; AND
    - 2. USE METHODS THE DEPARTMENT APPROVES TO PROTECT RETAINED FORESTS AND TREES DURING CONSTRUCTION. UNTIL SUCH TIME THAT THE CITY PUBLISHES ITS OWN FOREST CONSERVATION TECHNICAL MANUAL, THE DEPARTMENT SHALL APPLY THE STANDARDS SET FORTH IN THE STATE FOREST CONSERVATION TECHNICAL MANUAL.
    - B. THE DEPARTMENT SHALL PREPARE AND SUBMIT TO THE CITY COUNCIL, WITHIN 90 CALENDAR DAYS AFTER THE EFFECTIVE DATE OF THIS ORIDNANCE, A FOREST CONSERVATION TECHNICAL MANUAL, WHICH SHALL PROVIDE STANDARDS CONSISTENT WITH THIS CHAPTER AND WHICH SHALL OTHERWISE INCLUDE, WITHOUT LIMITATION:
      - 1. ANY METHODS THE DEPARTMENT APPROVES TO PROTECT RETAINED FORESTS AND TREES DURING CONSTRUCTION;
      - 2. A DEFINITION OF "PRIORITY RETENTION AREA" IN DEVELOPMENT AREAS WHICH INCLUDES SPECIMEN TREES:
      - 3. THE DEFINITION OF "HEALTHY FORESTS" SET FORTH IN THIS CHAPTER;

- 4. A REOUIREMENT THAT ENVIRONMENTAL FEATURES MAPS OR 1 2 NATURAL RESOURCES INVENTORY (NRI) SHALL INCLUDE TOPOGRAPHIC CONTOURS (AT FOOT INTERVALS), STEEP 3 4 SOIL CLASSIFICATIONS (INCLUDING PROPERTIES), "HEALTHY FORESTS," AND TREES MEASURING 24 5 INCHES OR GREATER DBH, INTERMITTENT, PERENNIAL, AND 6 **EPHEMERAL** STREAMS. STREAM BUFFERS. 7 HABITATS, NATURAL DRAINAGE COURSES, AND WETLANDS 8 AND THEIR BUFFERS. 9
  - C. WHEN ANY PROVISION OF THIS CHAPTER, OR CITY CHARTER OR OTHER SECTION OF THE CITY CODE CONFLICT, THE DEPARTMENT SHALL APPLY THE PROVISION THAT CONTAINS THE MORE RESTRICTIVE REQUIREMENTS.

10

11

12

- 21.71.50 LOCAL AGENCY APPLICATION
- 16 IF A LOCAL AGENCY OR PERSON USING STATE FUNDS SUBMITS AN APPLICATION TO CONDUCT AN ACTIVITY GOVERNED BY THIS CHAPTER,
- 18 THE PROVISIONS OF SECTION 08.19.04.01D-G OF COMAR SHALL ALSO BE FOLLOWED.

20 21

22 23

24

25

26

27

28

32

33

34

35

36

37

38 39

40

41

42

43

44 45

- 21.71.060 FOREST STAND DELINEATION
- A. AN APPLICANT SHALL SUBMIT TO THE DEPARTMENT A FOREST STAND DELINEATION, WHEN REQUIRED, IN CONNECTION WITH AN APPLICATON.
- B. A FOREST STAND DELINEATION SHALL BE PREPARED BY LICENSED FORESTER, LICENSED LANDSCAPE ARCHITECT, OF A QUALIFIED PERSON WHO MEETS THE REQUIREMENTS OF SECTION 08.19.06.01A OF COMAR FOR THE PREPARATION AND DELIVERY OF A FOREST STAND DELINEATION
- 29 C. A FOREST STAND DELINEATION SHALL BE SUBMITTED IN PAPER IN THE 30 NUMBER OF COPIES THE DEPARTMENT REQUIRES, AND IN ELECTRONIC 31 FORMAT.
  - D. A FOREST STAND DELINEATION SHALL BE USED TO DETERMINE THE AREAS FOR FOREST CONSERVATION AND SHALL CONTAIN THE FOLLOWING COMPONENTS:
    - 1. A TOPOGRAPHIC MAP WITH CONTOURS AT AN INTERVAL NO GREATER THAN ONE FOOT, DELINEATING INTERMITTENT, PERENNIAL AND EPHEMERAL STREAMS AND THEIR BUFFERS, AND STEEP SLOPES 15% OR GREATER;
    - 2. A SOIL MAP DELINEATING SOILS WITH STRUCTURAL LIMITATIONS, HYDRIC SOILS, WITH ALL SOIL K VALUES;
    - 3. A FOREST STAND MAP INDICATING SPECIES, LOCATION, AND SIZE OF TREES AND INDICATING DOMINANT AND CO-DOMINANT FOREST TYPES:
    - 4. THE LOCATION OF 100-YEAR FLOODPLAINS:
    - 5. THE LOCATION AND DELINEATION OF ALL TIDAL WETLANDS AND NON-TIDAL WETLANDS AND THEIR BUFFERS;

5 6

- 1 6. APPLICABLE STANDARDS IN THE FOREST CONSERVATION 2 TECHNICAL MANUAL;
  - 7. A REVIEW OF THE WETLANDS COMPONENT OF THE FOREST STAND DELINEATION BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT OR ARMY CORPS OF ENGINEERS, OR BOTH, IF NECESSARY; AND
  - 8. ANY OTHER INFORMATION THE DEPARTMENT DETERMINES IS NECESSARY TO IMPLEMENT THIS CHAPTER.
- 8 THE DEPARTMENT SHALL HAVE A QUALIFIED PERSON REVIEW THE 9 DELINEATION COMPONENT OF THE **FOREST** 10 DELINEATION. THE APPLICANT SHALL BE EXCLUSIVELY RESPONSIBLE 11 AND LIABLE FOR ALL FEES, COSTS AND EXPENSES OF THE PERSON OR 12 ENTITY RETAINED BY THE DEPARTMENT AND SHALL PAY THE FULL 13 AMOUNT DUE DIRECTLY TO THE DEPARTMENT, OR DIRECTLY TO THE 14 PERSON OR ENTITY RETAINED IF THE DEPARTMENT DIRECTS, WITHIN 30 15 DAYS AFTER INVOICING. 16
- WITHIN THREE BUSINESS DAYS AFTER RECEIPT OF A FOREST STAND 17 F. DELINEATION, THE DEPARTMENT SHALL REFER THE FOREST STAND 18 DELINEATION TO DNEP FOR REVIEW, AND DNEP SHALL POST THE FOREST 19 STAND DELINEATION ON ITS WEBSITE WITHIN SUCH THREE BUSINESS 20 FOR AT LEAST 15 CALENDAR DAYS AND PROVIDE 21 DAY PERIOD DIRECTIONS AS TO HOW THE PUBLIC MAY SEND OR DELIVER WRITTEN 22 23 COMMENTS, TESTIMONY OR DOCUMENTATION PERTAINING TO THE FOREST STAND DELINEATION. THE WEBSITE POSTING REQUIREMENT 24 SHALL APPLY TO ANY AMENDMENTS OR REVISIONS TO THE FOREST 25 26 STAND DELINEATION. THE DEPARTMENT AND DNEP SHALL PROMPTLY ALL COMMENTS, TESTIMONY AND DOCUMENTATION EXCHANGE 27 RECEIVED FROM THE PUBLIC. 28
- 29 NO LATER THAN 30 CALENDAR DAYS AFTER THE RECEIPT OF THE FOREST STAND DELINEATION, DNEP SHALL SEND WRITTEN NOTIFICATION 30 TO THE DEPARTMENT WHETHER IT CERTIFIES THAT THE FOREST STAND 31 DELINEATION IS COMPLETE AND CORRECT. 32 IF SO, THE WRITTEN NOTIFICATION SHALL INDICATE HOW THE FOREST STAND DELINEATION 33 IS COMPLETE AND CORRECT AND HOW IT MEETS ALL REQUIREMENTS OF 34 THIS CHAPTER. THE DEPARTMENT SHALL SEND WRITTEN NOTIFICATION 35 OF THE CERTIFICATION TO THE APPLICANT WITHIN 45 DAYS AFTER 36 RECEIPT OF THE FOREST STAND DELINEATION. 37
- IF DNEP DOES NOT CERTIFY A FOREST STAND DELINEATION AS 38 COMPLETE AND CORRECT, DNEP SHALL SEND WRITTEN NOTIFICATION TO 39 THE DEPARTMENT TO THIS EFFECT NO LATER THAN 30 CALENDAR DAYS 40 AFTER THE RECEIPT OF THE FOREST STAND DELINEATION, IN WHICH DNEP 41 INDICATES THE DEFICIENCIES IN THE FOREST STAND DELINEATION. THE 42 DEPARTMENT SHALL SEND WRITTEN NOTIFICATION TO THE APPLICANT 43 OF DNEP'S LACK OF CERTIFICATION WITHIN 45 DAYS AFTER RECEIPT OF 44 45 THE FOREST STAND DELINEATION IN WHICH IT INDICATES THE

- 1 DEFICIENCIES IN THE FOREST STAND DELINEATION AND THE RIGHT TO
- 2 RESUBMIT.
- 3 I. AT THE DEPARTMENT'S SOLE DISCRETION, THE DEPARTMENT MAY
- 4 ALLOW ITSELF 15 ADDITIONAL CALENDAR DAYS TO COMPLETE ITS
- 5 REVIEW OF AN ORIGINAL OR REVISED FOREST STAND DELINEATION. THE
- 6 DEPARTMENT SHALL SEND WRITTEN NOTIFICATION TO THE APPLICANT
- 7 TO THIS EFFECT AS SOON AS FEASIBLE, BUT NO LATER THAN THE LAST
- 8 DAY ALLOWABLE FOR THE REVIEW OF THE ORIGINAL OR REVISED
- 9 SUBMISSION.
- 10 J. IF AN INITIAL AND REVISED FOREST STAND DELINEATION IS NOT
- 11 CERTIFIED AS COMPLETE AND CORRECT, AND THE APPLICANT INTENDS
- 12 TO PURSUE A CERTIFIED FOREST STAND DELINEATION, THE DEPARTMENT,
- 13 IN LIEU OF THE APPLICANT, SHALL RETAIN A LICENSED FORESTER,
- 14 LICENSED LANDSCAPE ARCHITECT, OF A QUALIFIED PERSON WHO MEETS
- 15 THE REQUIREMENTS OF SECTION 08.19.06.01A OF COMAR FOR THE
- 16 PREPARATION AND DELIVERY OF A FOREST STAND DELINEATION. THE
- 17 APPLICANT SHALL BE EXCLUSIVELY RESPONSIBLE AND LIABLE FOR ALL
- 18 FEES, COSTS AND EXPENSES OF THE PERSON OR ENTITY RETAINED BY THE
- 19 DEPARTMENT AND SHALL PAY THE FULL AMOUNT DUE DIRECTLY TO THE
- 20 DEPARTMENT, OR DIRECTLY TO THE PERSON OR ENTITY RETAINED IF THE
- 21 DEPARTMENT DIRECTS, WITHIN 30 DAYS AFTER INVOICING.
- 22 K. ONLY A LICENSED FORESTER, LICENSED LANDSCAPE ARCHITECT, OR A
- 23 QUALIFIED PROFESSIONAL WHO MEETS THE REQUIREMENTS OF SECTION
- 24 08.19.06.01A OF COMAR SHALL CONDUCT A REVIEW OF THE FOREST STAND
- 25 DELINEATION AND CERTIFY THAT IT IS OR IS NOT COMPLETE AND
- 26 CORRECT.
- 27 L. ALL PROVISIONS FOR POSTING, PUBLIC COMMENT, REVIEW, TIME
- 28 REOUIREMENTS, AND NOTICE OF CERTIFICATION STATUS PERTAINING TO
- 29 AN ORIGINAL SUBMISSION OF A FOREST STAND DELINEATION SHALL
- 30 APPLY TO SUBMISSIONS OF REVISED FOREST STAND DELINEATIONS.
- 31 M. ALL REVIEW COMMENTS AND CERTIFICATION STATUS MADE BY THE
- 32 DEPARTMENT AND DNEP SHALL BE MADE AVAILABLE ONLINE IN THE
- 33 CITY'S PERMIT TRACKING DATABASE..
- 34 N. IF NO FOREST COVER WILL BE DISTURBED DURING ANY
- 35 CONSTRUCTION ACTIVITY, THE DEPARTMENT MAY APPROVE A
- 36 SIMPLIFIED DELINEATION, THE CONTENTS OF WHICH A SITE VISIT MAY
- 37 VERIFY. A SIMPLIFIED DELINEATION MAY BE SUBSTITUTED FOR A
- 38 FOREST STAND DELINEATION, AND SHALL BE SUBJECT TO A LONG TERM
- 39 PROTECTIVE AGREEMENT APPROVED BY THE DEPARTMENT BEFORE
- 40 CERTIFICATION AS COMPLETE AND CORRECT, OR WHICH CERTIFICATION
- 41 SHALL BE CONTINGENT UPON A SUBSEQUENTLY APPROVED LONG TERM
- 42 PROTECTIVE AGREEMENT.
- 43 O. A FOREST STAND DELINEATION OR A SIMPLIFIED DELINEATION
- 44 MAY REMAIN IN EFFECT FOR A PERIOD OF TIME NOT TO EXCEED 5 YEARS
- 45 FROM THE DATE IT IS CERTIFIED BY THE DNEP AS COMPLETE AND
- 46 CORRECT.

- 1 I. A DECISION OF THE DEPARTMENT THAT A FOREST STAND
- 2 DELINEATION OR SIMPLIFIED DELINEATION IS COMPLETE AND CORRECT,
- 3 OR THAT IT IS NOT COMPLETE AND CORRECT, IS NOT APPEALABLE UNTIL
- 4 A FINAL DECISION BY THE PLANNING COMMISSION, THE ZONING BOARD
- 5 OF APPEALS OR THE DEPARTMENT, AS THE CASE MAY BE, ON AN 6 APPLICATION.

10

11

12

16

17

18

19 20

21

22

23

24

25 26

27

28 29

30

31 32

33

34

35

36

37

38 39

40 41

42

- 21.71.070 FOREST CONSERVATION PLAN
- 9 A. GENERAL PROVISIONS
  - 4. A PRELIMINARY AND FINAL FOREST CONSERVATION PLAN SHALL BE BASED ON A FOREST STAND DELINEATION OR SIMPLIED DELINEATION THAT DNEP HAS CERTIFIED AS COMPLETE AND CORRECT.
- IN DEVELOPING A FOREST CONDSERVATION PLAN, THE APPLICANT
   SHALL GIVE PRIORITY TO TECHNIQUES FOR RETAINING FOREST ON
   THE SITE.
  - 3. IF THE FOREST CONSERVATION PLAN SPECIFIES THAT A FOREST CANNOT BE RETAINED, THE APPLICANT SHALL DEMONSTRATE TO THE SATISFACTION OF THE DEPARTMENT:
    - (1) HOW TECHNIQUES FOR FOREST RETENTION HAVE BEEN EXHAUSTED;
    - (2) WHY THE PRIORTY FORESTS AND PRIORTY AREAS SPECIFIED IN NATURAL RESOUCRES ARTICLE, SECTION 5-1607(C)(1), CANNOT BE LEFT IN AN UNDISTURBED CONDITION:
    - 3. IF PRIORITY FORESTS AND PRIORITY AREAS CANNOT BE LEFT UNDISTURBED, HOW THE SEQUENCE FOR AFFORESTATION OR REFORESTATION WILL COMPLY WITH NATURAL RESOURCES ARTICLE, SECTION 5-1607 AND WHERE ON THE SITE IN PRIORITY AREAS AFFORESTATION AND REFORESTAION WILL OCCUR IN COMPLIANCE WITH NATURAL RESOURCES ARTICLE SECTION 5-1607, AND
  - 4. . HOW THE DISTURBANCE TO THE PRIORITY FORESTS AND PRIORITY AREAS SPECIFIED IN NATURAL RESOURCES ARTICLE 5-1607(C)(2), QUALIFIES FOR A VARIANCE.
  - 5. WHERE THE EXISTING FOREST AND INDIVIDUAL SIGNIFICANT TREES CANNOT BE RETAINED, THE FOREST CONSERVATION PLAN SHALL PROVIDE FOR TREE REPLACEMENT, REFORESTATION OR AFFORESTATION, WITH-NO NET LOSS OF TREES, IN THE FOLLOWING ORDER OF PRIORITY:
    - A. ON SITE;
  - B. AT A LOCATION WITHIN THE WATERSHED OF THE CITY OF ANNAPOLIS;
  - C. AT A LOCATION WITHIN A WATERSHED IN ANNE ARUNDEL COUNTY AS CLOSE TO THE SITE AS PRACTICAL.
- 6. IF ANY REPLACEMENT, REFORESTATION OR AFFORESTATION CANNOT
   OCCUR ON SITE, ALTERNATE LOCATIONS IN THE ESTABLISHED ORDER OF
- 46 PRIORITY SHALL BE APPROVED BY THE DEPARTMENT. THE APPLICANT,

1 AT ITS EXCLUSIVE EXPENSE, SHALL OBTAIN ALL NECESSARY 2 AGREEMENTS AND OTHER APPROVALS TO ALLOW FOR THE USE OF ANY 3 ALTERNATE LOCATIONS.

4 5

6

7

8

9

10

11

12

13

14

15

16 17

18

19 20

21

22

23

24

25 26

27

28

29

30

31 32

33

34

35

36

37

38 39

40

41 42

43

44 45

46

- 7. A REGULATED ACTIVITY WITHIN THE NET TRACT AREA THAT OCCURS WHOLLY OR PARTIALLY IN AREAS REGULATED AS NON-TIDAL WETLANDS PURSUANT TO THE ENVIRONMENT ARTICLE, TITLE 9, IS SUBJECT TO THE FOLLOWING NON-TIDAL WETLANDS REGULATORY REQUIREMENTS AND THE REQUIREMENTS OF THIS CHAPTER:
  - A. ANY AREA OF FOREST IN THE NET TRACT AREA, INCLUDING BUT NOT LIMITED TO FOREST IN NON-TIDAL WETLANDS THAT IS RETAINED, SHALL BE COUNTED TOWARDS THE FOREST CONSERVATION REQUIREMENTS OF THIS CHAPTER;
  - B. FOR THE PURPOSES OF CALCULATING REFORESTATION MITIGATION PURSUANT TO THIS CHAPTER, A FORESTED NON-TIDAL WETLAND THAT IS PERMITTED TO BE CUT OR CLEARED AND APPROPRIATELY MITIGATED PURSUANT TO THE ENVIRONMENT ARTICLE, TITLE 9, SHALL BE SHOWN ON THE FOREST CONSERVATION PLAN, THEN SUBTRACTED ON AN ACREFOR-ACRE BASIS FROM THE TOTAL AMOUNT OF FOREST TO BE CUT OR CLEARED AS PART OF A REGULATED ACTIVITY:
  - C. NON-TIDAL WETLANDS SHALL BE CONSIDERED AS PRIORITY AREAS FOR RETENTION AND REPLACEMENT;
  - D. FORESTED NON-TIDAL WETLAND IDENTIFICATION AND DELINEATION SHALL BE INCLUDED AT THE EARLIEST STAGE OF PLANNING IN ORDER TO ASSIST THE APPLICANT BY AVOIDING AND REDUCING IMPACTS TO NON-TIDAL WETLANDS.

### B. PRELIMINARY FOREST CONSERVATION PLAN

- 1. ONLY A LICENSED FORESTER, A LICENSED LANDSCAPE ARCHITECT, OR A QUALIFIED PROFESSIONAL WHO MEETS THE REOUIREMENTS OF SECTION 08.19.06.01A OF COMAR SHALL PREPARE A PRELIMINARY FOREST CONSERVATION PLAN. ONLY A LICENSED FORESTER, LICENSED LANDSCAPE ARCHITECT, OR A OUALIFIED PROFESSIONAL WHO MEETS THE REQUIREMENTS OF SECTION 08.19.06.01A OF COMAR, SHALL CONDUCT **DEPARTMENT'S REVIEW** OF A **PRELIMINARY FOREST** CONSERVATION PLAN.
- 2. A PRELIMINARY FOREST CONSERVATION PLAN SHALL BE SUBMITTED IN PAPER IN THE NUMBER OF COPIES THE DEPARTMENT REQUIRES, AND IN ELECTRONIC FORMAT. .
- 3. A PRELIMINARY FOREST CONSERVATION PLAN SHALL CONTAIN THE FOLLOWING COMPONENTS:
  - A. THE PRELIMINARY PLAN OF SUBDIVISION OR THE PROPOSED PROJECT PLAN SUBMITTED FOR SITE DESIGN REVIEW PRIOR TO THE APPLICANT'S SUBMISSION TO THE PLANNING COMMISSION:

THE FOREST STAND DELINEATION OR SIMPLIFIED 1 DELINEATION THAT HAS BEEN CERTIFIED AS COMPLETE AND 2 CORRECT: 3 C. A TABLE THAT LISTS THE PROPOSED VALUES OF THE 4 FOLLOWING. IN SOUARE FEET: 5 NET TRACT AREA; I. 6 II. AREA OF FOREST CONSERVATION REQUIRED; AND 7 III. AREA OF FOREST CONSERVATION **THAT** THE 8 APPLICANT PROPOSES TO PROVIDE, INCLUDING BOTH 9 ON-SITE AND OFF-SITE AREAS. 10 GRAPHIC DEMONSTRATION OF THE 11 D. **FOREST** CONSERVATION AREAS PROVIDED ON THE SITE DRAWN TO THE 12 SAME SCALE AS THE PROJECT PLAN SCALE, WHICH SHALL 13 ILLUSTRATE AREAS WHERE THE **APPLICANT PROPOSES** 14 RETENTION OF EXISTING FOREST, OR AFFORESTATION OR 15 REFORESTATION; 16 AN EXPLANATION OF HOW THE REQUIREMENTS OF 17 SECTION 21.71.070B OF THIS CHAPTER HAVE BEEN MET: 18 F. A PROPOSED AFFORESTATION OR REFORESTATION PLAN, 19 WHERE APPROPRIATE, WITH A TIMETABLE AND DESCRIPTION OF 20 NEEDED SITE AND SOIL PREPARATION, PLANT QUANTITY, 21 SPECIES, SIZE, AND SPACING; 22 G. ILLUSTRATE PROPOSED LOCATIONS AND TYPES OF 23 PROTECTIVE DEVICES TO BE USED DURING CONSTRUCTION 24 ACTIVITIES TO PROTECT TREES AND FORESTS DESIGNATED FOR 25 26 CONSERVATION; A PROPOSED CONSTRUCTION TIMETABLE LISTING THE 27 SEQUENCE OF FOREST CONSERVATION PROCEDURES: 28 AN ILLUSTRATION OF THE PROPOSED LIMITS OF 29 I DISTURBANCE; 30 J. AN ILLUSTRATION OF THE PROPOSED STOCKPILE AREAS; 31 PROPOSED BINDING TWO-YEAR **MAINTENANCE** 32 33 AGREEMENT SPECIFIED IN SECTION 08.19.05.01 OF COMAR THAT DETAILS HOW THE AREAS DESIGNATED FOR AFFORESTATION OR 34 REFORESTATION SHALL BE **MAINTAINED** TO 35 **ENSURE PROTECTION AND** SATISFACTORY GROWTH, 36 **INCLUDING** WATERING AND REINFORCEMENT PLANTING PROVISION IF 37 SURVIVAL RATES FALL BELOW REQUIRED STANDARDS, AS 38 SHALL BE STATED IN THE FOREST CONSERVATION TECHNICAL 39 MANUAL: 40 A PROPOSED LONG-TERM **BINDING PROTECTIVE** 41 42 **AGREEMENT** AS **SPECIFIED** IN COMAR 08.19.05.02 THAT 43 **PROVIDES PROTECTION** FOR **AREAS** OF **FOREST INCLUDING AREAS** OF AFFORESTATION, CONSERVATION, 44 AND RETENTION, ADHERES TO FOREST 45 REFORESTATION.

MANAGEMENT PRACTICES THAT ARE USED TO PRESERVE

FROM THE PUBLIC.

1 2 3 FOREST, AND DEFINES RESTRICTIONS ON DESIGNATED AREAS OF FOREST CONSERVATION FOR ACTIVITIES SUCH AS RECREATION;

4 ] 5 ] 6 ; 7

M. JUSTIFICATION FOR ANY PROPOSED DISTURBANCE OF PRIORITY RETENTION AREAS, INCLUDING REASONS WHY SUCH PRIORITY RETENTION AREAS CANNOT BE RETAINED AND HOW THE APPLICANT SHALL REPLACE PROPOSED DISTURBED PRIORITY RETENTION AREAS THROUGH AFFORESTATION AND REFORESTATION, IN COMPLIANCE WITH THE REQUIREMENTS OF THIS CHAPTER.

9 10 11

12

13

8

N. A STATEMENT OF HOW THE PROJECT WILL FURTHER THE CITY'S TREE CANOPY COVERAGE GOAL, SET IN CONJUNCTION WITH THE MARYLAND DEPARTMENT OF NATURAL RESOURCES, TO INCREASE THE CITY'S TREE CANOPY COVERAGE TO 50% BY 2036 FROM THE 2006 DETERMINATION OF THE MARYLAND DEPARTMENT OF NATURAL RESOURCES THAT THE CITY'S TREE CANOPY HAD 46% COVERAGE; AND

14 15 16

17

18

19

20

21

22

23

26

27

28

29

30

31 32

33

34

35

36

37

38

4. BEFORE THE SUBMISSION OF A **PRELIMINARY** CONSERVATION PLAN, OR THE SUBMISSION OF ANY REVISED FOREST CONSERVATION PLAN, THE PERSON SUBMITTING SHALL HOLD A PUBLIC MEETING AND MAKE A PRESENTATION INDICATING IN DETAIL THE ANTICIPATED CONTENTS OF THE PRELIMINARY FOREST CONSERVATION PLAN OR REVISED FOREST CONSERVATION PLAN. THE GENERAL PUBLIC AND MEMBERS OF THE ANNAPOLIS ENVIRONMENTAL, COMMISSION, THE DEPARTMENT, AND DNEP MAY PARTICIPATE IN THE PUBLIC MEETING. THE APPLICANT SHALL GIVE NOTICE OF ANY PUBLIC MEETING IN ACCORDANCE WITH THE NOTICE REQUIREMENTS OF SECTION 21.10.020 OF THIS CHAPTER.

24 25

> THREE BUSINESS DAYS **AFTER RECEIPT** PRELIMINARY FOREST CONSERVATION PLAN, THE DEPARTMENT SHALL REFER THE PRELIMINARY FOREST CONSERVATION PLAN TO DNEP FOR REVIEW AND DNEP SHALL POST THE PRELIMINARY FOREST CONSERVATION PLAN ON ITS WEBSITE FOR AT LEAST 15 CALENDAR DAYS AND PROVIDE DIRECTIONS AS TO HOW THE MAY SEND OR DELIVER **PUBLIC** WRITTEN COMMENTS. TESTIMONY. OR DOCUMENTATION **PERTAINING** TO PRELIMINARY FOREST CONSERVATION PLAN. THE WEBSITE POSTING REQUIREMENT SHALL APPLY TO ANY AMENDMENTS OR REVISIONS TO THE PRELIMINARY FOREST CONSERVATION PLAN. THE DEPARTMENT AND DNEP SHALL PROMPTLY EXCHANGE ALL COMMENTS. TESTIMONY AND DOCUMENTATION RECEIVED

39 40 41

42

43

44

6. NO LATER THAN 35 CALENDAR DAYS AFTER THE RECEIPT OF THE PRELIMINARY FOREST CONSERVATION PLAN, DNEP SHALL SEND WRITTEN NOTIFICATION TO THE DEPARTMENT WHETHER IT RECOMMENDS APPROVAL OF THE PRELIMINARY FOREST CONSERVATION PLAN. IF SO, THE WRITTEN NOTIFICATION SHALL

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19 20

21

22 23

24

25 26

27

28 29

30

31

32

33

34

35

36

37

38

39

40

41 42

43

44

45

46

- INDICATE HOW THE PRELIMINARY FOREST CONSERVATION PLAN MEETS ALL REQUIREMENTS OF THIS CHAPTER. IF THE DEPARTENT AGREES WITH DNEP'S RECOMMENDATION, THE DEPARTMENT SHALL SEND WRITTEN NOTIFICATION OF THE APPROVAL TO THE APPLICANT WITHIN 45 CALENDAR DAYS AFTER RECEIPT OF THE PRELIMNARY FOREST CONSERVATION PLAN. A PRELIMINARY FOREST CONSERVATION PLAN. A PRELIMINARY FOREST CONSERVATION PLAN THAT HAS BEEN RECOMMENDED FOR APPROVAL BY THE DEPARTMENT SHALL BE SUBMITTED TO THE PLANNING COMMISSION OR THE ZONING BOARD OF APPEALS WITH THE APPLICABLE APPLICATION FOR A DEVELOPMENT PLAN, FOR FINAL DETERMINATION.
  - 7. IF THE DEPARTMENT DOES NOT AGREE WITH DNEP'S RECOMMENDATION, THE DEPARTMENT SHALL OVERRIDE DNEP'S RECOMMENDATION AND, WITHIN 45 CALENDAR DAYS AFTER THE RECEIPT OF THE PRELIMINARY FOREST CONSERVATION PLAN, RETURN THE PRELIMINARY FOREST CONSERVATION PLAN TO THE PERSON WHO SUBMITTED IT WITH WRITTEN NOTIFICATION OF THE DISAPPROVAL AND THE REASONS FOR THE DISAPPROVAL.
- IF DNEP DOES NOT RECOMMEND APPROVAL OF THE PRELIMINARY 8. **FOREST CONSERVATION** PLAN, **DNEP SHALL SEND WRITTEN** NOTIFICATION WITHIN 35 CALENDAR DAYS AFTER RECEIPT OF THE FOREST CONSERVATION PLAN TO THE DEPARTMENT TO THIS EFFECT AND THE **DEFICIENCIES** IN THE **PRELIMINARY** CONSERVATION PLAN. IF THE DEPARTMENT AGREES WITH DNEP, THE DEPARTMENT SHALL SEND WRITTEN NOTIFICATION WITHIN 45 CALENDAR DAYS TO THE APPLICANT TO THIS EFFECT AND INDICATE THE DEFICIENCIES IN THE PRELIMINARY FOREST CONSERVATION PLAN. THE **THEN APPLICANT** MAY **RESUBMIT** THE **PRELIMINARY** CONSERVATION PLAN ADDRESSING ALL NOTED DEFICIENCIES. IF THE DEPARTMENT DOES NOT AGREE WITH DNEP, THE DEPARTMENT MAY WRITTEN **NOTIFICATION** TO THE APPLICANT **THAT** PRELIMINARY FOREST CONSERVATION IS RECOMMENDED FOR APPROVAL AND SHALL SUBMIT IT TO THE PLANNING COMMISSION OR THE ZONING BOARD OF APPEALS ALONG WITH THE APPLICATION, FOR A FINAL DETERMINATION.
- 9. WHEN THE PRELIMINARY FOREST CONSERVATION PLAN IS SUBMITTED IN CONNECTION WITH A PLANNED DEVELOPMENT OR SPECIAI EXCEPTION APPLICATION IN CONJUNCTION WITH A SITE DESIGN PLAN REVIEW APPLICATION NOT REQUIRING PLANNING COMMISSION OR BOARD OF APPEALS APPROVAL, THE DEPARTMENT SHALL ISSUE A FINAL DETERMINATION AS TO WHETHER TO APPROVE A FOREST CONSERVATION

8. AT THE DEPARTMENT'S SOLE DISCRETION, THE DEPARTMENT MAY ALLOW ITSELF 15 ADDITIONAL CALENDAR DAYS TO COMPLETE THE REVIEW OF AN ORIGINAL OR REVISED PRELIMINARY FOREST CONSERVATION PLAN. THE DEPARTMENT

- SHALL GIVE WRITTEN NOTIFICATION TO THE APPLICANT TO THIS
  EFFECT AS SOON AS FEASIBLE, BUT NO LATER THAN THE LAST DAY
  ALLOWABLE FOR REVIEW OF THE ORIGINAL OR REVISED
  SUBMISSION.
  - 6. ALL REVIEW COMMENTS MADE BY THE DEPARTMENT AND DNEP SHALL BE MADE AVAILABLE ONLINE IN THE CITY'S PERMIT TRACKING SOFTWARE.
  - 10. ALL PROVISIONS FOR POSTING, PUBLIC COMMENT, PUBLIC HEARINGS, REVIEW, TIME REQUIREMENTS AND NOTICE PERTAINING TO AN ORIGINAL SUBMISSION OF A PRELIMINARY FOREST CONSERVATION PLAN SHALL APPLY TO SUBMISSIONS OF REVISED PRELIMINARY FOREST CONSERVATION PLANS.
  - C. A RECOMMENDATION FOR APPROVAL BY THE DEPARTMENT REGARDING A PRELIMINARY FOREST CONSERVATION PLAN IS NOT APPEALABLE UNTIL A FINAL DETERMINATION IS MADE BY THE PLANNING COMMISSION, THE ZONING BOARD OF APPEALS, OR THE DEPARTMENT, AS THE CASE MAY BE, ON THE APPLICABLE APPLICATION FOR A DEVELOPMENT PLAN.
  - D. FINAL FOREST CONSERVATION PLAN
    - 1. A FINAL FOREST CONSERVATION PLAN SHALL:
    - 2. INCORPORATE ALL APPROVED ELEMENTS OF THE PRELIMINARY FOREST CONSERVATION PLAN;
    - 3 INCORPORATE A FINAL BINDING TWO-YEAR MAINTENANCE AGREEMENT SPECIFIED IN SECTION 08.19.05.01 OF COMAR THAT DETAILS HOW THE AREAS DESIGNATED FOR AFFORESTATION OR REFORESTATION SHALL BE MAINTAINED TO ENSURE PROTECTION AND SATISFACTORY GROWTH, INCLUDING WATERING AND REINFORCEMENT PLANTING PROVISION IF SURVIVAL RATES FALL BELOW REQUIRED STANDARDS, AS SHALL BE STATED IN THE FOREST CONSERVATION TECHNICAL MANUAL;
  - 4. INCORPORATE A FINAL BINDING LONG-TERM PROTECTIVE AGREEMENT AS SPECIFIED IN SECTION 08.19.05.02 OF COM AR THAT PROVIDES PROTECTION FOR AREAS OF FOREST CONSERVATION, INCLUDING AREAS OF AFFORESTATION, REFORESTATION, AND RETENTION, ADHERES TO FOREST MANAGEMENT PRACTICES THAT ARE USED TO PRESERVE FOREST, AND DEFINES RESTRICTIONS ON DESIGNATED AREAS OF FOREST CONSERVATION FOR ACTIVITIES SUCH AS RECREATION;
- E. THE APPLICANT MAY REVISE THE FINAL FOREST CONSERVATION PLAN THROUGHOUT THE REVIEW PROCESS.
- F. THE CITY SHALL MAKE ALL REVIEW COMMENTS MADE BY THE
  DEPARTMENT, DNEP AND THEIR STAFF AVAILABLE ONLINE IN THE
  CITY'S PERMIT TRACKING SOFTWARE AS SOON AS FEASIBLE.
- 44 21.71.080 RETENTION.
- 45 A. THE PRELIMINARY AND FINAL FOREST CONSERVATION PLAN SHALL 46 GIVE PRIORITY CONSIDERATION TO THE RETENTION OF CONTIGUOUS

- FOREST COVER AND MINIMIZE THE NEED FOR REFORESTATION AND TREE REPLACEMENT. HEALTHY FOREST COVER SHALL BE RETAINED UNLESS REASONABLE EFFORTS HAVE BEEN MADE TO PROTECT THEM AND THE PLAN CANNOT REASONABLY BE ALTERED.
- B. PRIORITY RETENTION AREAS. THE FOLLOWING TREES, SHRUBS,
   PLANTS, AND SPECIFIC AREAS ARE CONSIDERED PRIORITY FOR
   RETENTION AND PROTECTION AND SHALL BE RETAINED, PROTECTED,
   AND LEFT IN AN UNDISTURBED CONDITION, UNLESS THE APPLICATION
   QUALIFIES FOR A VARIANCE IN ACCORDANCE WITH SECTION 21.71.170
   OF THIS CHAPTER, AND SHALL BE SHOWN AS SUCH ON A PRELIMINARY
   AND FINAL CONSERVATION PLAN.
  - 1. TREES, SHRUBS, AND PLANTS LOCATED IN CERTAIN SENSITIVE AREAS, SUCH AS THE 100-YEAR FLOODPLAIN, STREAMS AND STREAM BUFFER AREAS, STEEP SLOPES, NON-TIDAL WETLANDS AND THEIR BUFFERS, AND CRITICAL HABITATS, HYDRIC SOILS AND SOILS WITH STRUCTURAL LIMITATIONS;
  - 2. CONTIGUOUS FORESTS;

13

14

15

16 17

18

19

20

21

22

23

24

25 26

27

28 29

30

31 32

33

34

35

36

37

38 39

40

41 42

43

- 3. PRIORITY RETENTION AREAS;
- 4. RARE, THREATENED, OR ENDANGERED SPECIES PURSUANT TO SECTION 08.19.03.01, ARTICLE VII 7.2C, OF COMAR;
- 5. TREES ASSOCIATED WITH AN HISTORIC SITE OR STRUCTURE;
- 6. TREES DESIGNATED AS A CHAMPION TREE;
- 7. HEALTHY SPECIMEN TREES GREATER THAN 24 INCHES DIAMETER AT BREAST HEIGHT OR SIGNIFICANT TREES THAT ARE DEEMED RARE, OR OF EXCEPTIONAL QUALITY OR SIZE WITHIN THE CITY;
- 8. FORESTED STREAM BUFFERS;
- 9. NON-TIDAL WETLANDS AND THEIR BUFFERS:
- 10. FORESTED PARK BUFFERS 100 FEET IN WIDTH; AND
- 11. HEALTHY FORESTS.
- C. WHERE A DEVELOPMENT SITE IS WITHOUT SUFFICIENT PRIORITY RETENTION AREA TO SATISFY THE FOREST RETENTION REQUIREMENTS, SUCH REQUIREMENTS SHALL BE SATISFIED THROUGH THE RETENTION OF NON-PRIORITY AREAS, AND SHOWN AS SUCH ON A PRFELIMINARY AND FINAL CONSERVATION PLAN, PROVIDED THAT:
  - 1. PRIORITY AREAS ARE PROTECTED IN RETENTION AREAS:
  - 2. A MINIMUM 5,000 SQUARE FOOT PROTECTION ZONE IS SPECIFIED;
  - 3. ALL CRITICAL ROOT ZONE AREAS ARE INCLUDED IN THE PROTECTION AREA;
  - 4. THE NON-PRIORITY AREAS PROVIDE ONE OR MORE OF THE FOLLOWING BENEFITS:
    - A. PROVIDES A VEGETATIVE BUFFER BETWEEN TWO DIFFERENT LAND USES:
    - B. FOSTERS WILDLIFE HABITAT:
    - C. IMPROVES WATER QUALITY;
- D. REDUCES RUNOFF FROM EROSION:

| 1  | E. REDUCES FLOODING;   |  |  |  |  |
|--|--|--|--|--|--|
| 2  | F. PROTECTS STEEP SLOPES;  |  |  |  |  |
| 3  | G. PROVIDES AREAS FOR RECREATION AND OUTDOOR                               |  |  |  |  |
| 4  | EDUCATION ACTIVITIES.  |  |  |  |  |
| 5  | 5. THE APPLICANT SUFFICIENTLY DEMONSTRATES THAT CLEARING                   |  |  |  |  |
| 6  | BELOW THE BREAK-EVEN POINT MEETS THE REQUIREMENTS OF                       |  |  |  |  |
| 7  | SECTION 21.71.045 C OF THIS CHAPTER.                                       |  |  |  |  |
| 8  | D. THE APPLICANT SHALL PROVIDE WRITTEN JUSTIFICATION IN A                  |  |  |  |  |
| 9  | PRELIMINARY FOREST CONSERVATION PLAN FOR REMOVAL OF                        |  |  |  |  |
| 10   | SPECIMEN TREES PURSUANT TO SECTION 21.71.080A OF THIS CHAPTER,             |  |  |  |  |
| 11   | WHICH SHALL ADDRESS:   |  |  |  |  |
| 12   | 1. HOW REMOVAL OF PRIORITY TREES IS REQUIRED TO                            |  |  |  |  |
| 13   | ACCOMMODATE ONE OF THE FOLLOWING:  |  |  |  |  |
| 14   | A. RIGHT-OF-WAY;   |  |  |  |  |
| 15   | A. SITE ACCESS;  |  |  |  |  |
| 16   | B. UTILITY CONNECTIONS;  |  |  |  |  |
| 17   | C. OTHER CITY DEVELOPMENTAL  |  |  |  |  |
| 18   | STANDARDS; OR  |  |  |  |  |
| 19   | D. SITE CONDITIONS AND BEST DESIGN   |  |  |  |  |
| 20   | PRACTICES.   |  |  |  |  |
| 21   | 2. WHY THE APPLICANT CANNOT REVISE THE DEVELOPMENT PLAN                    |  |  |  |  |
| 22   | TO PRESERVE PRIORITY TREES. EXPENSE OR THE APPLICANT'S                     |  |  |  |  |
| 23   | UNWILLINGNESS TO REVISE THE DEVELOPMENT PLAN SHALL                         |  |  |  |  |
| 24   | NOT CONSTITUTE VALID REASONS FOR PROPOSING TO CLEAR                        |  |  |  |  |
| 25   | PRIORITY TREES.  |  |  |  |  |
| 26   | 3. HOW THE APPLICANT HAS EXHAUSTED ALL APPROPRIATE                         |  |  |  |  |
| 27   | TECHNIQUES FOR RETENTION.  21.71.090 - TREE REPLACEMENT, REFORESTATION AND |  |  |  |  |
| 28<br>29   | 21.71.090 – TREE REPLACEMENT, REFORESTATION AND AFFORESTATION.             |  |  |  |  |
| 30   | A. IF ALL REASONABLE EFFORTS TO MAXIMIZE FOREST AND TREE                   |  |  |  |  |
| 31   | PRESERVATION ON-SITE ARE EXHAUSTED, PURSUANT TO SECTION                    |  |  |  |  |
| 32   | 21.71.080 OF THIS CHAPTER THE PRELIMINARY AND FINAL FOREST                 |  |  |  |  |
| 33   | CONSERVATION PLAN SHALL PROVIDE FOR TREE REPLACEMENT,                      |  |  |  |  |
| 34   | AFFORESTATION AND REFORESTATION AS INDICATED IN SECTION                    |  |  |  |  |
| 35   | 21.71.100 OF THIS CHAPTER.   |  |  |  |  |
| 36   | B. IF INDIVIDUAL SIGNIFICANT TREES ARE REMOVED, WHETHER WITHIN             |  |  |  |  |
| 37   | THE FOREST OR OUTSIDE THE FOREST, THEN EACH REMOVED TREE SHALL             |  |  |  |  |
| 37 THE FOREST OR OUTSIDE THE FOREST, THEN EACH REMOVED TR 38 BE REPLACED AT THE FOLLOWING RATES WITH SIMILAR SPECIES |  |  |  |  |  |
|  | SIZE OF SIGNIFICANT TREE MINIMUM 2.5-INCH CALIPER TREE                     |  |  |  |  |
|  | REMOVED (INCHES)  REPLACEMENT (NUMBER OF TREES)                            |  |  |  |  |
|  |  |  |  |  |  |
|  | 12-18 DIAMETER AT BREAST HEIGHT   3  |  |  |  |  |
|  | GREATER THAN 18-23 DIAMETER AT 4   |  |  |  |  |
|  | BREAST HEIGHT  |  |  |  |  |
|  | REPLACEMENT OF A SPECIMEN OR CHAMPION TREE SHALL BE AT AN 8 TO             |  |  |  |  |
|  | 1 RATE.  |  |  |  |  |
|  | I NAID.  |  |  |  |  |

- 1 C. FOR ALL EXISTING FOREST COVER MEASURED TO THE NEAREST 1000 2 SQUARE FEET CLEARED ON THE TRACT AREA:
  - 1. REFORESTATION SHALL BE AT THE RATE OF ONE-QUARTER OF THE FORESTED AREA REMOVED ABOVE THE FOREST CONSERVATION THRESHOLD ESTABLISHED IN SECTION 21.71.090B OF THIS CHAPTER. FOR THE LAND USE TYPE IN WHICH THE TRACT IS LOCATED;
    - 2. REFORESTATION SHALL BE AT THE RATE OF THREE TIMES THE FORESTED AREA REMOVED BELOW THE FOREST CONSERVATION THRESHOLD ESTABLISHED IN SECTION 21.71.090B FOR THE LAND USE TYPE IN WHICH THE TRACT IS LOCATED; AND
    - 3. THE FOREST CONSERVATION TECHNICAL MANUAL MAY RECOMMEND A CREDIT AGAINST THE AREA REQUIRED TO BE REFORESTED FOR THOSE FORESTED AREAS RETAINED ABOVE THE CONSERVATION THRESHOLD, INDIVIDUAL SIGNIFICANT TREES RETAINED OUTSIDE OF THE FOREST RETENTION AREAS WHEN NOT LESS THAN 75% OF THE CRITICAL ROOT ZONE IS PRESERVED, AND FOR THE NUMBER OF STREET TREES PLANTED.
  - D. AFFORESTATION IS NOT REQUIRED FOR THOSE ACTIVITIES CONDUCTED:
    - A. ON AN EXISTING SINGLE RECORDED RESIDENTIAL LOT OF ANY SIZE, PROVIDED THAT THE LOT IS NOT SUBDIVIDED AND THE COVERED ACTIVITY DOES NOT RESULT IN THE CUTTING, CLEARING, OR GRADING OF MORE THAN 20,000 SQUARE FEET OF FOREST; OR
    - B. ON A LINEAR PROJECT, PROVIDED THAT THE ACTIVITY DOES NOT RESULT IN FOREST CLEARING IN EXCESS OF 20,000 SQUARE FEET.
    - 2. ON A TRACT WHERE FOREST COVER PRIOR TO DEVELOPMENT ACTIVITY IS LESS THAN THE PERCENTAGE OF COVERAGE ESTABLISHED IN SECTION 21.71.090B OF THIS CHAPTER AS THE AFFORESTATION LEVEL FOR THE LAND USE TYPE IN WHICH THE TRACT IS LOCATED, THE FINAL FOREST CONSERVATION PLAN SHALL PROVIDE FOR THE AFFORESTATION OF THE TRACT TO THE APPLICABLE AFFORESTATION LEVEL.
    - 3. FOREST CUT OR CLEARED BELOW THE REQUIRED AFFORESTATION LEVEL, IN ACCORDANCE WITH SECTION 21.71.050 C. OF THIS CHAPTER, SHALL BE REPLACED AT A RATE OF THREE TIMES THE AREA REMOVED, THEN ADDED TO THE AMOUNT OF AFFORESTATION NECESSARY TO REACH THE MINIMUM REQUIRED AFFORESTATION LEVEL, WHICH SHALL BE DETERMINED BY THE AMOUNT OF FOREST THAT EXISTED BEFORE CUTTING OR CLEARING BEGAN.

- 4. THE FOREST CONSERVATION TECHNICAL MANUAL MAY PROVIDE FOR A CREDIT AGAINST THE AREA REQUIRED TO BE AFFORESTED FOR INDIVIDUAL SIGNIFICANT TREES RETAINED OUTSIDE OF THE FOREST RETENTION AREAS WHEN NOT LESS THAN 75% OF THE CRITICAL ROOT ZONE IS PRESERVED, AND FOR THE NUMBER OF STREET TREES PLANTED.
- 5. THE FOREST CONSERVATION TECHNICAL MAY PROVIDE FOR CALCULATION OF AFFORESTATION REQUIREMENTS BASED ON LESS THAN THE TRACT AREA WHEN 75% OR MORE OF A TRACT AREA HAS PREVIOUSLY BEEN DEVELOPED AND NO MORE THAN 25% OF THE TRACT AREA WILL BE DISTURBED.

# E. CATEGORY OF USE AND THRESHOLD LEVELS.

| LAND USE TYPE   | CONSERVATION<br>THRESHOLD | AFFORESTATION<br>THRESHOLD |
|---|---------------------------|----------------------------|
| AGRICULTURAL AND<br>RESOURCES AREAS   | 60%                       | 30%                        |
| MEDIUM DENSITY<br>RESIDENTIAL AREAS   | 30%                       | 25%                        |
| INSTITUTIONAL<br>DEVELOPMENT AREAS  | 25%                       | 20%                        |
| HIGH DENSITY<br>RESIDENTIAL AREAS AND<br>RESIDENTIAL PLANNED<br>DEVELOPMENT AREAS | 25%                       | 20%                        |
| MIXED USE AND SPECIAL MIXED PLANNED UNIT-DEVELOPMENT AREAS                        | 20%                       | 15%                        |
| COMMERCIAL AND INDUSTRIAL USE AREAS AND COMMERCIAL PLANNED                        | 20%                       | 15%                        |

DEVELOPMENT AREAS

F. THE AFFORESTATION LEVEL, ESTABLISHED IN SECTION 21.71.090B, OF THIS CHAPTER SHALL BE THE MINIMUM AMOUNT OF TREE COVER TO BE PROVIDED. REPLACEMENT TREES, REFORESTATION, AFFORESTATION AND EXISTING TREES CAN BE USED TO SATISFY TREE COVER REQUIREMENTS. THE APPLICANT SHALL CALCULATE THE TREE COVER REQUIREMENTS AND SUCH REQUIREMENTS SHALL BE INDICATED ON THE PRELIMINARY AND FINAL FOREST CONSERVATION PLAN.

G. THE FOREST CONSERVATION TECHNICAL MANUAL MAY PROVIDE FOR IMPLEMENTATION OF TREE REPLACEMENT, REFORESTATION, AND AFFORESTATION REQUIREMENTS IN STAGES BASED ON THE PHASES OF DEVELOPMENT ACTIVITY. THE PRELIMINARY AND FINAL FOREST CONSERVATION PLAN SHALL SPECIFY THAT TREE REPLACEMENT, REFORESTATION, AND AFFORESTATION SHALL BE ACCOMPLISHED WITHIN ONE YEAR OR TWO GROWING SEASONS AFTER COMPLETION OF THE DEVELOPMENT PROJECT.

- **21.71.100** PREFERRED SEQUENCE AND PRIORITIES FOR TREE REPLACEMENT, REFORESTATION AND AFFORESTATION.
- A. TREE REPLACEMENT, REFORESTATION AND AFFORESTATION, SHALL BE PROVIDED FOR IN THE FOLLOWING SEQUENCE, AND SHALL BE INDICATED ON THE PRELIMINARY AND FINAL FOREST CONSERVATION PLAN:
  - 1. SELECTIVE CLEARING AND SUPPLEMENTAL PLANTING ON-SITE;
  - 2. ON-SITE FOREST CREATION USING TRANSPLANTED OR NURSERY STOCK,
  - 3. LANDSCAPING OF AREAS ON-SITE UNDER AN APPROVED LANDSCAPING PLAN;
  - 4. ON-SITE STREET TREE PLANTING WITH MATURE CANOPY COVERAGE GRANTING FULL CREDIT AS A MITIGATION TECHNIQUE,
  - 5. ON-SITE FOREST CREATION USING WHIP AND SEEDLING STOCK,
  - 6. OFF-SITE FOREST CREATION WITHIN THE CITY,
  - 7. OFF-SITE PLANTING, WITHIN THE CITY, UNDER AN APPROVED LANDSCAPE PLAN.
- B. THE FOLLOWING ARE CONSIDERED A PRIORITY FOR REFORESTATION AND AFFORESTATION, AND SHALL BE EMPLOYED IN THE FOLLOWING SEQUENCE:
  - 1. ESTABLISHMENT OR ENHANCEMENT STREAM BUFFER AREAS AND COASTAL BAYS AND THEIR BUFFERS, TO WIDTHS OF 100 FEET, WHERE PRACTICAL;

- 2. ESTABLISHMENT OR ENHANCEMENT FORESTED AREAS ON 100-YEAR FLOODPLAINS:
  - 3. ESTABLISHMENT OR INCREASE IN CONNECTIONS BETWEEN FORESTED AREAS;
    - 4. ESTABLISHMENT OR ENHANCEMENT FOREST BUFFERS ADJACENT TO CRITICAL HABITATS;
    - 5. STABILIZATION OF STEEP SLOPES;
    - 6. ENHANCEMENT NON-TIDAL WETLANDS;
    - 7. ESTABLISHMENT OR ENHANCEMENT BUFFERS BETWEEN DIFFERING LAND USES OR ADJACENT TO HIGHWAYS OR UTILITY RIGHTS-OF-WAY; AND
    - 8. ESTABLISHMENT OR ENHANCEMENT FORESTED BUFFERS ADJACENT TO PARKLAND.
    - 9. INCREASE IN THE OVERALL AREA OF CONTIGUOUS FOREST COVER;
    - 10. USE OF NATIVE PLANT MATERIALS.

1.

### 21.71.110 - RECOMMENDED TREE SPECIES.

- A. TREE SPECIES USED FOR AFFORESTATION OR REFORESTATION SHALL BE NATIVE TO THE CITY, WHEN APPROPRIATE, AS DETERMINED BY THE DEPARTMENT, AND SELECTED FROM A LIST OF APPROVED SPECIES THE DEPARTMENT HAS ESTABLISHED.
- B. THE DEPARTMENT SHALL ADOPT A LIST OF TREE SPECIES TO BE USED FOR ANY REQUIRED AFFORESTATION OR REFORESTATION AND INCORPORATE IT INTO THE FOREST CONSERVATION TECHNICAL MANUAL.
- **21.71.120** FINANCIAL SECURITY FOR AFFORESTATION AND 28 REFORESTATION BONDING.
  - A. A PERSON REQUIRED TO CONDUCT AFFORESTATION OR REFORESTATION UNDER THIS CHAPTER SHALL FURNISH FINANCIAL SECURITY IN THE FORM OF A BOND, IRREVOCABLE LETTER OF CREDIT, OR OTHER SECURITY, WHICH THE DEPARTMENT HAS APPROVED AND IN WHICH THE SURETY SHALL:
    - 1. ASSURE THAT THE AFFORESTATION, REFORESTATION, AND THE ASSOCIATED MAINTENANCE AGREEMENT ARE CONDUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED FOREST CONSERVATION PLAN;
    - 2. GUARANTEE IN AN AMOUNT EQUAL TO 110% OF THE ESTIMATED COST, AS THE DEPARTMENT HAS DETERMINED, OF AFFORESTATION AND REFORESTATION; AND
    - 3. MAKE SUCH GUARANTEE IN A FORM AND OF A CONTENT THE DEPARTMENT HAS APPROVED.
- B. AFTER TWO GROWING SEASONS, THE PERSON REQUIRED TO FURNISH A
   BOND, IRREVOCABLE LETTER OF CREDIT, OR OTHER SECURITY
   PURSUANT TO THIS CHAPTER MAY REQUEST REDUCTION OF THE
   AMOUNT OF THE BOND, LETTER OF CREDIT OR OTHER SECURITY BY

- SUBMITTING A WRITTEN REQUEST TO THE DEPARTMENT WITH A
  JUSTIFICATION FOR A REDUCTION, THE ESTIMATED OR ACTUAL COSTS
  TO ENSURE THAT AFFORESTATION OR REFORESTATION
  REQUIREMENTS ARE MET, AND OTHER INFORMATION WHICH THE
  DEPARTMENT REOUIRES.
  - C. THE DEPARTMENT SHALL DETERMINE WHETHER A REDUCED AMOUNT IS SUFFICIENT TO PAY ALLS COSTS AND EXPENSES OF AFFORESTATION OR REFORESTATION, TAKING TO ACCOUNT:
    - 1. THE NUMBER OF ACRES:
    - 2. THE PROPOSED METHOD OF AFFORESTATION OR REFORESTATION:
    - 3. THE COST OF PLANTING MATERIALS OR REPLACEMENT MATERIALS:
    - 4. THE COST OF MAINTENANCE OF THE AFFORESTATION OR REFORESTATION PROJECT; AND
    - 5. ANY OTHER FACTORS THAT THE DEPARTMENT DEEMS ARE RELEVANT.
  - D. IF, AFTER THREE GROWING SEASONS, THE PLANTINGS ASSOCIATED WITH THE AFFORESTATION OR REFORESTATION MEET OR EXCEED THE STANDARDS IN THE FOREST CONSERVATION TECHNICAL MANUAL, THE AMOUNT OF THE BOND, IRREVOCABLE LETTER OF CREDIT, OR OTHER SECURITY, SHALL BE RETURNED OR RELEASED.

E.

- **21.71.130** STANDARDS FOR PROTECTING TREES FROM CONSTRUCTION ACTIVITIES.
  - A. BEFORE CUTTING, CLEARING, GRADING, OR CONSTRUCTION BEGINS ON A SITE FOR WHICH A FOREST CONSERVATION PLAN IS REQUIRED PURSUANT TO THIS CHAPTER, THE APPLICANT SHALL DEMONSTRATE TO THE DEPARTMENT THAT PROTECTIVE DEVICES HAVE BEEN ESTABLISHED, AND SUCH DEVICES SHALL BE SHOWN ON A PRELIMINARY AND FINAL CONSERVATION PLAN.

### **21.71.140** – VARIANCE PROCEDURES.

- A. A PERSON MAY FILE AN APPLICATION WITH THE DEPARTMENT FOR A VARIANCE FROM THE REQUIREMENTS OF THIS CHAPTER OR THE REQUIREMENTS OF THE NATURAL RESOURCES ARTICLE, §§5-1601---5-1612. THE APPLICATION SHALL ADDRESS EACH OF THE FACTORS SET FORTH IN SECTION 21.71.170D.
- B. THE DEPARTMENT SHALL REFER THE APPLICATION TO DNEP FOR
   REVIEW AND A RECOMMENDATION OF APPROVAL OR DISAPPROVAL.
   DNEP SHALL MAKE FINDINGS ON ALL FACTORS SET FORTH IN SECTION
   21.71.170D AND FORWARD ITS FINDINGS TO THE DEPARTMENT.
- 43 C. C. THE DEPARTMENT SHALL GIVE NOTICE OF A VARIANCE
  44 APPLICATION TO THE MARYLAND DEPARTMENT OF NATURAL
  45 RESOURCES WITHIN 15 CALENDAR DAYS AFTER RECEIPT OF THE
  46 VARIANCE APPLICATION. THE MARYLAND DEPARTMENT OF NATURAL

- 1 RESOURCES MAY PARTICIPATE IN ANY ADMINISTRATIVE APPEAL 2 CONCERNING A VARIANCE APPLICATION, OR IN ANY JUDICIAL 3 PROCEEDING INITIATED AS A RESULT OF AN ADMINISTRATIVE 4 PROCEEDING WHICH REVIEWS A VARIANCE APPLICATION.
  - D THE DEPARTMENT SHALL MAKE FINDINGS ON ALL OF THE FOLLOWING FACTORS:
    - 1. WHETHER THE SPECIFIC CONDITIONS PARTICULAR TO THE PROPERTY CAUSE UNWARRANTED HARDSHIP IF THE REQUIREMENTS OF THIS CHAPTER OR THE REQUIREMENTS OF THE NATURAL RESOURCES ARTICLE, §§5-1601---5-1612 ARE STRICTLY ENFORCED;
      - 2. WHETHER THE PURPOSE OF THE VARIANCE BASED EXCLUSIVELY UPON THE DESIRE TO INCREASE FINANCIAL GAIN;
      - 3. WHETHER THE VARIANCE IS THE MINIMUM VARIANCE NECESSARY TO AFFORD RELIEF;
      - 4. WHETHER THE ENFORCEMENT OF THIS CHAPTER WOULD DEPRIVE THE APPLICANT OF RIGHTS OTHERS IN SIMILAR AREAS COMMONLY ENJOY;
      - 5. WHETHER GRANTING A VARIANCE WOULD CONFER ON THE APPLICANT A SPECIAL PRIVILEGE THAT WOULD BE DENIED TO OTHER APPLICANTS;
      - 6. WHETHER THE VARIANCE REQUEST IS BASED ON CONDITIONS OR CIRCUMSTANCES WHICH ARE THE RESULT OF THE APPLICANT'S ACTIONS;
      - 7. WHETHER THE VARIANCE REQUEST ARISES FROM A CONDITION RELATING TO LAND OR BUILDING USE, EITHER PERMITTED OR NONCONFORMING, ON A NEIGHBORING PROPERTY; AND
      - 8. WHETHER GRANTING A VARIANCE WOULD ADVERSELY AFFECT WATER QUALITY.
    - D. C. THE DEPARTMENT SHALL SUBMIT ITS RECOMMENDATION FOR APPROVAL OR DISAPPROVAL OF A VARIANCE TO THE PLANNING COMMISSION OR THE ZONING BOARD OF APPEALS ALONG WITH THE APPLICATION, FOR A FINAL DETERMINATION. THE PLANNING COMMISSION OR THE BOARD OF APPEALS SHALL CONSIDER THE VARIANCE APPLICATION AT THE TIME OF ITS CONSIDERATION OF THE APPLICATION FOR A DEVELOPMENT PLAN, AND MAY APPROVE A VARIANCE UPON A DETERMINATION OF A MAJORITY OF ITS MEMBERS HEARING THE APPLICATION THAT THE APPLICANT HAS PROVEN EACH OF THE FACTORS SET FORTH IN SECTION 21.71.090B OF THIS CHAPTER.
- E. IF THE VARIANCE IS SOUGHT IN CONJUCTION WITH A SITE DESIGN PLAN APPLICATION, NOT REQUIRING PLANNING COMMISSION OR ZONING BOARD OF APPEALS APPROVAL, THE DEPARTMENT SHALL ISSUE A FINAL DETERMINATION ON THE VARIANCE APPLICATION.

- ON OR BEFORE MARCH 1 OF EACH YEAR, THE DEPARTMENT SHALL SUBMIT TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCES A REPORT WHICH CONTAINS:
  - A. THE NUMBER, LOCATION, AND TYPE OF PROJECTS SUBJECT TO THE PROVISIONS OF THIS CHAPTER:
  - B. THE AMOUNT AND LOCATION OF ACRES CLEARED, CONSERVED, AND PLANTED, INCLUDING ANY AREAS LOCATED IN THE 100-YEAR FLOODPLAIN IN CONNECTION WITH A DEVELOPMENT PROJECT;
  - C. THE AMOUNT OF REFORESTATION AND AFFORESTATION FEES AND NONCOMPLIANCE PENALTIES COLLECTED AND EXPENDED;
  - D. THE COSTS OF IMPLEMENTING THE FOREST CONSERVATION PROGRAM;
  - E. THE LOCATION AND SIZE OF ALL FOREST MITIGATION BANKS APPROVED DURING THE PAST YEAR WITH A DESCRIPTION OF THE PRIORITY AREAS THE BANK HAS AFFORESTED OR REFORESTED;
  - F. THE NUMBER OF ACRES DEBITED FROM EACH FOREST MITIGATION BANK SINCE THE LAST ANNUAL REPORT;
  - G. THE FOREST MITIGATION BANKS INSPECTED SINCE THE LAST ANNUAL REPORT;
  - H. THE NUMBER, LOCATION, AND TYPES OF VIOLATIONS AND TYPES OF ENFORCEMENT ACTIVITIES CONDUCTED;
  - I. THE SIZE AND LOCATION OF ALL CONSERVED AND PLANTED FOREST AREAS SHALL BE SUBMITTED IN AN ELECTRONIC GEOGRAPHIC INFORMATION SYSTEM OR COMPUTER AIDED DESIGN FORMAT IF POSSIBLE. IF NOT POSSIBLE, THE LOCATION SHALL BE GIVEN BY MARYLAND STATE PLANE GRID COORDINATES AND 8 DIGIT SUB-WATERSHED.

**21.71.160** – MARYLAND DEPARTMENT OF NATURAL RESOURCES BIENNIAL REVIEW.

THE DEPARTMENT SHALL SUBMIT THE NECESSARY DOCUMENTATION TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCES IN ORDER TO COMPLY WITH SECTION 08.19.02.04 OF COMAR.

### **21.71.170 – ENFORCEMENT.**

A. FEES.

J.

 1. THE DEPARTMENT IS AUTHORIZED TO ASSESS A PENALTY OF \$0.75 PER SQUARE FOOT OF ANY NON-COMPLIANT AREA TO A PERSON FOUND NOT IN COMPLIANCE WITH THE REQUIREMENTS OF THIS CHAPTER, REGULATIONS ADOPTED PURSUANT TO THIS CHAPTER, THE FOREST CONSERVATION TECHNICAL MANUAL, A FINAL APPROVAL OF AN APPLICATION BY THE PLANNING COMMISSION, BOARD OF APPEALS, OR THE DEPARTMENT, AS THE CASE MAY BE, ANY COURT ORDER RELATING TO THIS CHAPTER, OR ANY AGREEMENTS REQUIRED BY THIS CHAPTER.

5

6 7

8

9

10

11

12

13

14

15

16 17

18

19 20

21

22

23 24

25

26

27

28 29

30

31 32

33

34

35

36

37

38 39

40

41 42

1

- 2. FEES COLLECTED UNDER THIS SECTION SHALL BE DEPOSITED IN THE FOREST CONSERVATION FUND AND THE DEPARTMENT MAY USE THE FEES FOR PURPOSES RELATED TO IMPLEMENTATION OF AND COMPLIANCE WITH THIS CHAPTER.
- 3. THE DEPARTMENT SHALL ASSESS OTHER FEES ASSOCIATED WITH THIS CHAPTER AS SET BY RESOLUTION OF THE CITY COUNCIL.

#### B. VIOLATION.

- 1. THE CITY MAY SERVE A MUNICIPAL INFRACTION ON A PERSON WHO VIOLATES THE REQUIREMENTS OF THIS CHAPTER, REGULATIONS ADOPTED PURSUANT TO THIS CHAPTER, THE FOREST CONSERVATION TECHNICAL MANUAL, A FINAL APPROVAL OF AN APPLICATION BY THE PLANNING COMMISSION, BOARD OF APPEALS, OR THE DEPARTMENT, AS THE CASE MAY BE, ANY COURT ORDER RELATING TO THIS CHAPTER, OR ANY AGREEMENTS REQUIRED BY THIS CHAPTER.
- 2. UPON A FINDING BY A COURT EXERCISING JURISDICTION THAT A VIOLATION HAS OCCURRED, OR UPON AN ACKNOWLEDGMENT OF THE PERSON THAT A VIOLATION HAS OCCURRED AS STATED IN A CITATION, OR UPON SUCH ACKNOWLEDGMENT PRIOR TO THE ISSUANCE OF A CITATION, THE PERSON SHALL ABATE AND CORRECT THE VIOLATION WITHIN A TIME DETERMINED BY THE COURT OR THE DEPARTMENT, AS THE CASE MAY BE, AND SHALL BE SUBJECT TO A FINE AS SET BY RESOLUTION OF THE CITY COUNCIL.
- 3. IN CONJUNCTION WITH SERVICE OF CITATION. Α SEPARATELY, THE DEPARTMENT MAY ISSUE A STOP WORK SUSPEND OR REVOKE Α **FINAL** OR CONSERVATION PLAN, IF IT FINDS THAT THERE IS A VIOLATION OF THE REQUIREMENTS OF THIS CHAPTER, REGULATIONS **THIS** ADOPTED PURSUANT TO CHAPTER, THE CONSERVATION TECHNICAL MANUAL, A FINAL APPROVAL OF AN APPLICATION BY THE PLANNING COMMISSION, BOARD OF APPEALS, OR THE DEPARTMENT, AS THE CASE MAY BE, ANY CHAPTER, OR ANY COURT ORDER RELATING TO THIS AGREEMENTS REQUIRED BY THIS CHAPTER. .
- 4. EACH DAY A VIOLATION CONTINUES SHALL CONSTITUTE A SEPARATE VIOLATION FOR WHICH A SEPARATE CITATION MAY BE SERVED AND A SEPARATE FINE IMPOSED.
- C. THE CITY MAY SEEK AN INJUNCTION OR OTHER EQUITABLE RELIEF REQUIRING A PERSON TO CEASE VIOLATION OF THIS CHAPTER AND TAKE ABATEMENT AND CORRECTIVE ACTION TO RESTORE OR REFOREST AN AREA.
- D. THE CITY MAY ADOPT THE ENFORCEMENT PROVISIONS OF SECTION 08.19.06.03 OF COMAR.
- 45 E. THE CITY SHALL PROVIDE TO THE MARYLAND DEPARTMENT OF 46 NATURAL RESOURCES A NOTICE OF AN ENFORCEMENT ACTION WITHIN 15

1 DAYS AFTER THE COMMENCEMENT OF AN ENFORCEMENT ACTION BY THE 2 CITY.

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22 23

## 21.71.180. **APPEALS**

- 1 ANY PERSON AGGRIEVED OF A DECISION OF THE DEPARTMENT TO SUSPEND OR REVOKE A FINAL FOREST CONSERVATION PLAN, OR TO ISSUE A STOP WORK ORDER, OR ANY OTHER DECISION OF THE DEPARTMENT MADE PURSUANT TO THIS CHAPTER, MAY APPEAL THE DECISION TO THE BOARD OF APPEALS SUCH APPEAL SHALL BE NOTED TO AND FILED WITH THE DEPARTMENT WITHIN 30 CALENDAR DAYS AFTER THE DEPARTMENT'S DECISION AND OTHERWISE IN ACCORDANCE WITH CHAPTER 21.30 OF THE CITY CODE.
- 2. UPON THE FILING OF AN APPEAL, THE BOARD OF APPEALS SHALL HOLD A PUBLIC HEARING AT WHICH THE APPLICANT, AGGRIEVED PERSONS, THE PUBLIC, AND REPRESENTATIVES FROM THE DEPARTMENT SHALL HAVE THE OPPORTUNITY TO PARTICIPATE.
  - 3. ANY PERSON AGGRIEVED BY A DECISION OF THE PLANNING COMMISSSION OR THE BOARD OF APPEALS PURSUANT TO THIS CHAPTER MAY APPEAL THAT DECISION TO THE CIRCUIT COURT FOR ANNE ARUNDEL COUNTY IN ACCORDANCE WITH THE MARYLAND RULES OF PROCEDURE.

21.71.190. EFFECTIVE DATE.

A. THE EFFECTIVE DATE OF THIS ORDINANCE IS THE DATE THAT THE CITY COUNCIL ADOPTS THIS ORDINANCE OR THE STATE OF MARYLAND GIVES FINAL APPROVAL TO THIS ORDINANCE, WHICEVER OCCURS LATER.

252627

28

24

### **CHAPTER 21.24** - PLANNED DEVELOPMENTS

- 21.24.090 PLANNED DEVELOPMENT REVIEW CRITERIA AND FINDINGS.
- THE PLANNING COMMISSION SHALL PROVIDE WRITTEN FINDINGS FOR EVERY APPLICATION UNDER THIS TITLE. THE APPLICATION SHALL BE APPROVED ONLY IF A MAJORITY OF THE MEMBERS OF THE PLANNING COMMISSION EACH FIND THAT ALL OF THE NECESSARY REVIEW CRITERIA HAVE BEEN MET:
- A. THE PLANNED DEVELOPMENT IS COMPATIBLE WITH THE CHARACTER
  OF THE SURROUNDING NEIGHBORHOOD AND THE COMPREHENSIVE
  PLAN AND THE PURPOSES OF PLANNED DEVELOPMENTS.
- B. THE PROPOSED LOCATIONS OF BUILDINGS, STRUCTURES, OPEN SPACES, LANDSCAPE ELEMENTS, AND PEDESTRIAN AND VEHICULAR CIRCULATION SYSTEMS ARE ADEQUATE, SAFE, AND EFFICIENT AND DESIGNED TO MINIMIZE ANY ADVERSE IMPACT UPON THE SURROUNDING AREA.
- C. THE PLANNED DEVELOPMENT WILL PROMOTE HIGH QUALITY DESIGN
  AND WILL NOT RESULT IN GREATER ADVERSE IMPACTS TO THE
  SURROUNDING AREA COMPARED TO THE DEVELOPMENT THAT MAY
  OTHERWISE BE PERMITTED PURSUANT TO THE ZONING CODE IF A
  PLANNED DEVELOPMENT WERE NOT APPROVED.

- 1 D. THE PLANNED DEVELOPMENT COMPLIES WITH THE PLANNED 2 DEVELOPMENT USE STANDARDS AND BULK AND DENSITY 3 STANDARDS.
- 4 E. THE PLANNED DEVELOPMENT COMPLIES WITH THE SITE DESIGN PLAN REVIEW CRITERIA PROVIDED IN SECTION 21.22.080
- 6 F. THE PLANNED DEVELOPMENT PLAN INCLUDES ADEQUATE PROVISION
  7 OF PUBLIC FACILITIES AND THE PROPOSED INFRASTRUCTURE,
  8 UTILITIES AND ALL OTHER PROPOSED FACILITIES ARE ADEQUATE TO
  9 SERVE THE PLANNED DEVELOPMENT AND ADEQUATELY
  10 INTERCONNECT WITH EXISTING PUBLIC FACILITIES.
- 11 G. THE PLANNED DEVELOPMENT COMPLIES WITH CHAPTER **21.71** OF THE CITY CODE.

## 21.24.120 - MODIFICATION OF APPROVED PLANS.

- 15 APPROVED PLANNED DEVELOPMENT PLANS MAY BE MODIFIED AS 16 FOLLOWS:
  - A. THE PLANNING AND ZONING DIRECTOR MAY AUTHORIZE MINOR ADJUSTMENTS IN APPROVED PLANNED DEVELOPMENT PLANS AS FOLLOWS:
    - 1. MINOR MODIFICATIONS. MINOR MODIFICATIONS OF THE SIZE AND LOCATION OF DRAINAGE WAYS, SEWERS, ROADWAYS, LANDSCAPE ELEMENTS OR OTHER SIMILAR FEATURES, IN LIGHT OF TECHNICAL OR ENGINEERING CONSIDERATIONS.
    - 2. MINOR MODIFICATIONS OF THE BULK OF STRUCTURES PROVIDED THAT THE MODIFIED DIMENSIONS COMPLY WITH ALL REQUIREMENTS OF THE APPLICABLE ZONING DISTRICT AND DO NOT ALLOW BUILDINGS CLOSER TO PROPERTY LINES OR OTHERWISE ADVERSELY AFFECT NEIGHBORING PROPERTIES OR THE DEVELOPMENT AUTHORIZED BY THE PLAN AS ORIGINALLY APPROVED.
    - 3. ANY REQUEST FOR MODIFICATION OF ANY CONDITION IMPOSED ON A PLANNED DEVELOPMENT, WHICH IS DEEMED BY THE PLANNING DIRECTOR TO BE A MINOR MODIFICATION.
  - B. MODIFICATIONS TO ALLOW ACCESSORY USES AND STRUCTURES. THE PLANNING AND ZONING DIRECTOR MAY AUTHORIZE THE DEVELOPMENT OF ACCESSORY USES OR STRUCTURES AS A MINOR MODIFICATION TO AN APPROVED RESIDENTIAL PLANNED DEVELOPMENT PLAN AS FOLLOWS:
    - 1. A PROPOSED ACCESSORY USE OR STRUCTURE MAY BE FOUND TO BE A MINOR MODIFICATION IF THE ACCESSORY USE OR STRUCTURE WILL NOT ADVERSELY AFFECT NEIGHBORING PROPERTIES OR THE DEVELOPMENT AUTHORIZED BY THE PLAN AS APPROVED AND IS COMPLIANCE WITH ALL OTHER APPLICABLE ZONING CODE PROVISIONS.
    - 2. PRIOR TO MAKING A DETERMINATION REGARDING WHETHER THE PROPOSED ACCESSORY USE OR STRUCTURE CONSTITUTES A MINOR

- MODIFICATION, THE PLANNING AND ZONING DIRECTOR SHALL REQUIRE NOTICE TO ABUTTING PROPERTY OWNERS, PURSUANT TO THE REQUIREMENTS OF SECTION 21.10.020.
  - 3. THE PLANNING AND ZONING DIRECTOR SHALL PROVIDE WRITTEN NOTIFICATION, AT THE APPLICANT'S EXPENSE, TO THE APPLICANT AND ABUTTING PROPERTY OWNERS OF THE DIRECTOR'S DECISION TO ALLOW AN ACCESSORY USE OR STRUCTURE AS A MINOR MODIFICATION.
  - 4. AN APPEAL OF THE PLANNING AND ZONING DIRECTOR'S DECISION WITH RESPECT TO ANY MINOR MODIFICATION MAY BE MADE TO THE BOARD OF APPEALS IN ACCORDANCE WITH THE PROCEDURES OF CHAPTER 21.30
  - C. MAJOR MODIFICATIONS. MODIFICATIONS TO ANY APPROVED PLANNED DEVELOPMENT PLAN THAT THE PLANNING AND ZONING DIRECTOR DEEMS TO BE A MAJOR MODIFICATION MAY BE APPROVED ONLY IN ACCORDANCE WITH THE PROCEDURES REQUIRED FOR ORIGINAL PLAN APPROVAL, SUBJECT TO WAIVERS OF PLAN SUBMISSION REQUIREMENTS BY THE PLANNING AND ZONING DIRECTOR.

#### **21.24.130 -** APPEALS.

1 ANY PERSON AGGRIEVED BY A DECISION OF THE PLANNING COMMISSSION OR THE BOARD OF APPEALS MAY APPEAL THAT DECISION TO THE CIRCUIT COURT FOR ANNE ARUNDEL COUNTY IN ACCORDANCE WITH THE MARYLAND RULES OF PROCEDURE.

**SECTION II:** AND BE IT FURTHER ESTABLISHED AND **ORDAINED BY THE ANNAPOLIS CITY COUNCIL** that this ordinance shall take effect from the date of its passage or the date that the State of Maryland gives final approval to this ordinance, whichever occurs later.

# **EXPLANATION**

CAPITAL LETTERS indicate matter added to existing law. Strikethrough indicates matter stricken from existing law. <u>Underlining</u> indicates amendments