

POTOMAC-GARRETT STATE FOREST ANNUAL WORK PLAN

FISCAL YEAR 2026



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SFI-00050

Prepared: Scott J. Campbell 10/7/2025
(Forest Manager) Date

Reviewed: _____
(Regional Forester) Date

Approved: _____
(Environmental Specialist) Date

**Potomac-Garrett State Forest
FY-26
Annual Work Plan**



18,655 Total Acres
18,128 Certified Acres

**Potomac-Garrett State Forest
FY-26 Annual Work Plan**

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I. State Forest Overview

The Potomac-Garrett State Forests situated in southwestern Garrett County in Western Maryland have the distinction of being the birthplace of forest conservation in Maryland. The generous donation of 1,917 acres by the Garrett Brothers in 1906 not only serves as the foundation of the Garrett State Forest, but is the root of both Maryland's present Public Lands system and Forest Service. Mountain forests, streams and valleys make up the 18,655 acres of this State Forest, of which 18,128 of these acres are third party certified. Uncertified acreage includes powerline rights of way, roadways, campsites footprints, etc.; areas that cannot/will not be managed. The forest cover is predominantly a second growth mixed hardwood forest dominated by mixed oaks, sugar and red maples, black cherry, basswood, ash and birch. The geography of this area provides for a wide range of growing conditions from the harsh, wind and ice swept ridge tops of Backbone Mountain to the deep rich slopes above the North Branch of the Potomac River. Much of the State Forest lands contain excellent quality hardwoods.

Potomac-Garrett State Forest has been intensively managed over the past nine decades. Forest harvest and grooming operations are undertaken to thin overstocked stands, to effectively deal with public safety concerns, to harvest mature, diseased/dying trees, to improve habitat for certain wildlife species, to assist and provide for certain research needs, to address aesthetic concerns and to increase the proportion of age/height diversity of forested stands.

II. Annual Work Plan Summary

The FY-26 Annual Work Plan for Potomac-Garrett State Forest was formulated in 2024. It contains projects to be undertaken in the areas of Special Projects, Maintenance and Operations, Recreation, Watershed Protection, Ecosystem Restoration / Protection, and Wildlife Management. In addition to the routine operations and management of the State Forest, the FY-26 Annual Work Plan for Potomac-Garrett State Forest details land management projects that will be the focus of the State Forest management staff for FY-26. All projects and proposals within this Plan have been developed to meet one or more of the Land Management Guidelines and Objectives outlined in the Potomac-Garrett State Forest Sustainable Management Plan including:

Forest Economy: management activities intended to maintain an economically sustainable forest and contribute to the local economy through providing forest-related employment and products.

Forest Conservation: management activities with a purpose to protect significant or unique natural communities and elements of biological diversity, including Ecologically Significant Areas, High Conservation Value Forests and old growth Forests. Old growth forest management serves to restore and/or enhance old growth forest structure and function.

Water Quality: management activities designed to protect or improve ecological functions in protecting or enhancing water quality.

Wildlife Habitat: management activities with a purpose to maintain and enhance the ecological needs of the diversity of wildlife species and habitat types.

Recreation and Cultural Heritage: management activities with a purpose to maintain and enhance areas that serve as visual, public camping, designated trails, and other high public use areas.

A. Special Management Projects Include:

- 1. Continued Development of the Certified, State Forest Sustainable Forest Management Plan** - with special focus on addressing items identified as in need of improvement resulting from the 2024 FSC/SFI Certification Audits.
- 2. Forest Stand Delineation, Inventory and Monitoring** - Completion of the project to re-inventory and redefine stands on the entire forest. This critical project will continue in FY-26. To date, 100% of the forest wide data collection has been completed. The project will allow a thorough analysis of this complete data set from which further management plans will be derived. Inventory work will continue in the form of follow-up monitoring protocols associated with the initial inventory and certification requirements.
- 3. Non-Native Invasive Species (NNIS) Inventory and Control Work** - The Sustainable Forest Management Plan calls for various responses to NNIS and the Forest Inventory Project has allowed for a broad view of the problem forest wide.
- 4. Ecologically Significant Area (ESA) Management Plan Development** - Wildlife and Heritage staff developed descriptions and management plans for the ESAs to be included in the Potomac-Garrett State Forest Sustainable Forest Management Plan guidance document. These plans offer a look at the critical habitat elements that make up each of the designated Ecologically Sensitive Areas, and offer insights on management approaches that will assure continued protection of critical habitats, including some of the active management that has taken place to further assure protection of the rare, threatened and endangered species these areas are set up to protect.
- 5. Irreplaceable Natural Area (INA) Management Plan Development:** On May 16, 2022, House Bill 784 was approved, establishing the Irreplaceable Natural Areas (INA) Program. Wildlife/Heritage Services and Fisheries Services personnel collaborated to develop the INAs, which focus on biodiversity and further protections for rare, threatened and endangered species found throughout the state forests. Similar to ESAs, management strategies, including compatible use, have been established for each site to ensure that all critical habitats and unique features are retained. The majority of the proposed INAs share a common delineation with the established ESAs and High Conservation Value areas and have a minimal impact on the harvestable management acreage of either state forest (See Figure 2, page 9).

HB 784

AN ACT concerning:

Department of Natural Resources – Irreplaceable Natural Areas Program – Establishment

FOR the purpose of establishing the Irreplaceable Natural Areas Program in the Department of Natural Resources to preserve Maryland’s native biodiversity on State-owned land managed by the Department; and generally relating to the Irreplaceable Natural Areas Program.

BY adding to

Article – Natural Resources

Section 3–501 through 3–503 to be under the new subtitle “Subtitle 5. Irreplaceable Natural Areas Program”

Annotated Code of Maryland

(2018 Replacement Volume and 2021 Supplement)

SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Laws of Maryland read as follows:

Article – Natural Resources

SUBTITLE 5. IRREPLACEABLE NATURAL AREAS PROGRAM.

3–501.

(A) IN THIS SUBTITLE THE FOLLOWING WORDS HAVE THE MEANINGS INDICATED.

(B) “BIODIVERSITY” MEANS THE FULL RANGE OF LIVING ORGANISMS NATIVE TO A REGION.

(C) “IRREPLACEABLE NATURAL AREA” MEANS AN AREA WITH HABITAT NECESSARY TO SUPPORT:

(1) A UNIQUE NATURAL COMMUNITY; OR

(2) A PLANT OR ANIMAL SPECIES LISTED AS THREATENED OR ENDANGERED UNDER TITLE 10, SUBTITLE 2A OF THIS ARTICLE.

(D) “PROGRAM” MEANS THE IRREPLACEABLE NATURAL AREAS PROGRAM.

(E) “UNIQUE NATURAL COMMUNITY” MEANS AN AREA THAT:

(1) HAS AN ASSEMBLAGE OF NATIVE PLANTS OR ANIMALS THAT IS RARE OR DECLINING IN THE STATE; OR

(2) SUPPORTS AN UNUSUALLY PRISTINE EXAMPLE OF A NATIVE ECOSYSTEM TYPE.

3–502.

(A) THERE IS AN IRREPLACEABLE NATURAL AREAS PROGRAM IN THE DEPARTMENT.

(B) THE PURPOSE OF THE PROGRAM IS TO PRESERVE MARYLAND’S NATIVE BIODIVERSITY ON STATE-OWNED LAND MANAGED BY THE DEPARTMENT FOR CURRENT AND FUTURE RESIDENTS OF THE STATE.

3-503.

ON OR BEFORE JULY 1, 2023, THE DEPARTMENT SHALL ADOPT REGULATIONS TO CARRY OUT THIS SUBTITLE, INCLUDING REGULATIONS:

**(1) DESIGNATING IRREPLACEABLE NATURAL AREAS ON STATE-OWNED LAND MANAGED BY THE DEPARTMENT; AND
(2) ESTABLISHING MANAGEMENT OBJECTIVES FOR IRREPLACEABLE NATURAL AREAS, INCLUDING:**

**(I) A MAP DEPICTING BOUNDARIES FOR EACH AREA;
(II) A DESCRIPTION OF THE UNIQUE FEATURES AND THREATS FOR EACH AREA; AND
(III) COMPATIBLE AND INCOMPATIBLE ACTIVITIES FOR EACH AREA.**

SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect June 1, 2022.
Approved by the Governor, May 16, 2022 (Ch. 420 2022 LAWS OF MARYLAND).

**As published in the Maryland Register on August 25, 2023
Volume 50, Issue 17, Pages 761-784**

Subtitle 03 WILDLIFE

08.03.17 Irreplaceable Natural Areas

Authority: Natural Resources Article, §3-503, Annotated Code of Maryland

Notice of Final Action

[23-091-F-I]

On August 15, 2023, the Secretary of Natural Resources adopted new Regulations .01 and .02 under a new chapter, **COMAR 08.03.17 Irreplaceable Natural Areas**. This action, which was proposed for adoption in 50:13 Md. R. 517—520 (June 30, 2023), has been adopted as proposed.

Effective Date: September 4, 2023.

JOSH KURTZ
Secretary of Natural Resources

B. Land Management Projects Include:

1. Continuation of the ecosystem restoration project involving control of invasive and exotic plants forest wide. Follow-up monitoring and retreatment, where necessary, will continue for the 31-acre NNIS control project in Compartments 30 and 32 completed in FY-23 that focused on herbicide treatments on Japanese barberry (*Berberis thunbergii*) and multi-flora rose (*Rosa multiflora*). Treatment efforts will be expanded into the adjacent stands in an effort to further control these unwanted species.

A recently discovered infestation of wisteria vine in Compartment 34 has been treated with both foliar and systemic herbicides, which have limited the spread of the invasive species, but have not eradicated it from the site. Follow up monitoring and treatments will be administered until the plant is no longer found on the site.

2. A red spruce (*Picea rubens*) and balsam fir (*Abies balsamea*) conservation project will be implemented in the West Piney Mountain ESA/INA. The project will focus on the protection and rejuvenation of existing isolated populations of both species via deer exclosures, competition removal and supplemental plantings.

3. Four Silvicultural projects including:

Two conifer regeneration harvests on 10 acres, a 21-acre hardwood regeneration harvest, a 31-acre understory mowing of interfering understory vegetation and a white pine shelterwood harvest.

Forest harvest operations are undertaken to utilize mature and dead/dying/diseased trees; to thin overstocked stands; to improve and diversify wildlife habitat; to effectively correct public safety concerns and issues; to reduce the forests vulnerability to insect attack, disease or wildfire hazard; to facilitate certain approved research needs; to improve certain aesthetic aspects of an area; and to improve the proportions of age class and species diversity within stands and management blocks. This forest has been intensively managed since its inception, utilizing both even and uneven-aged techniques via selective removals and regeneration harvests. Early records indicate that as cut over land was acquired, foresters culled the forest, removing the poorly formed and damaged timber left behind in the wake of the cut and run practices employed by early timber speculators. By removing these undesirable trees, newly forming seedlings were released from competition and were thus cultured into the future growing stock of trees that we enjoy today. The benefits of this work have been significant including improved wildlife habitat diversity, improved forest health and more abundant mast production, improved utilization of insect-damaged trees, reduced forest fire hazard, and the considerable financial contribution of management to the state and local economies as well as to those employed in the forest products industry.

The FY-26 Annual Work Plan outlines two non-commercial silvicultural projects and four commercial silvicultural projects covering 83 acres. The silvicultural work laid out in this work plan is focused on initiating seedling development, retaining established regeneration, particularly mixed oak species and timber stand improvement. This cultural work will safeguard the long-term sustainable management of these important forest resources. The cultural operations and management projects outlined within the FY-26 Annual Work Plan are selected to provide significant contributions to the sustainability of forest resources found within

Potomac-Garrett State Forest and the ecosystems associated with it. The proposed harvests will produce an estimated harvest of approximately 400,000 board feet of sawtimber accounting for an estimated \$150,000 worth of raw wood products entering local markets.

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III. General Location Map for FY-26 Land Management Project Proposals

Approximately 83 Acres

Map Key

1. *Compartment 17 Stands 6 and 8*

2. *Compartment 39 Stand 1*

3. *Compartment 42 Stand 4*

4. *Compartment 44 Stand 1*

10-acre Conifer Regeneration

24-acre Hardwood Regeneration

17-acre Understory Mowing

32-acre White Pine Shelterwood

DRAFT

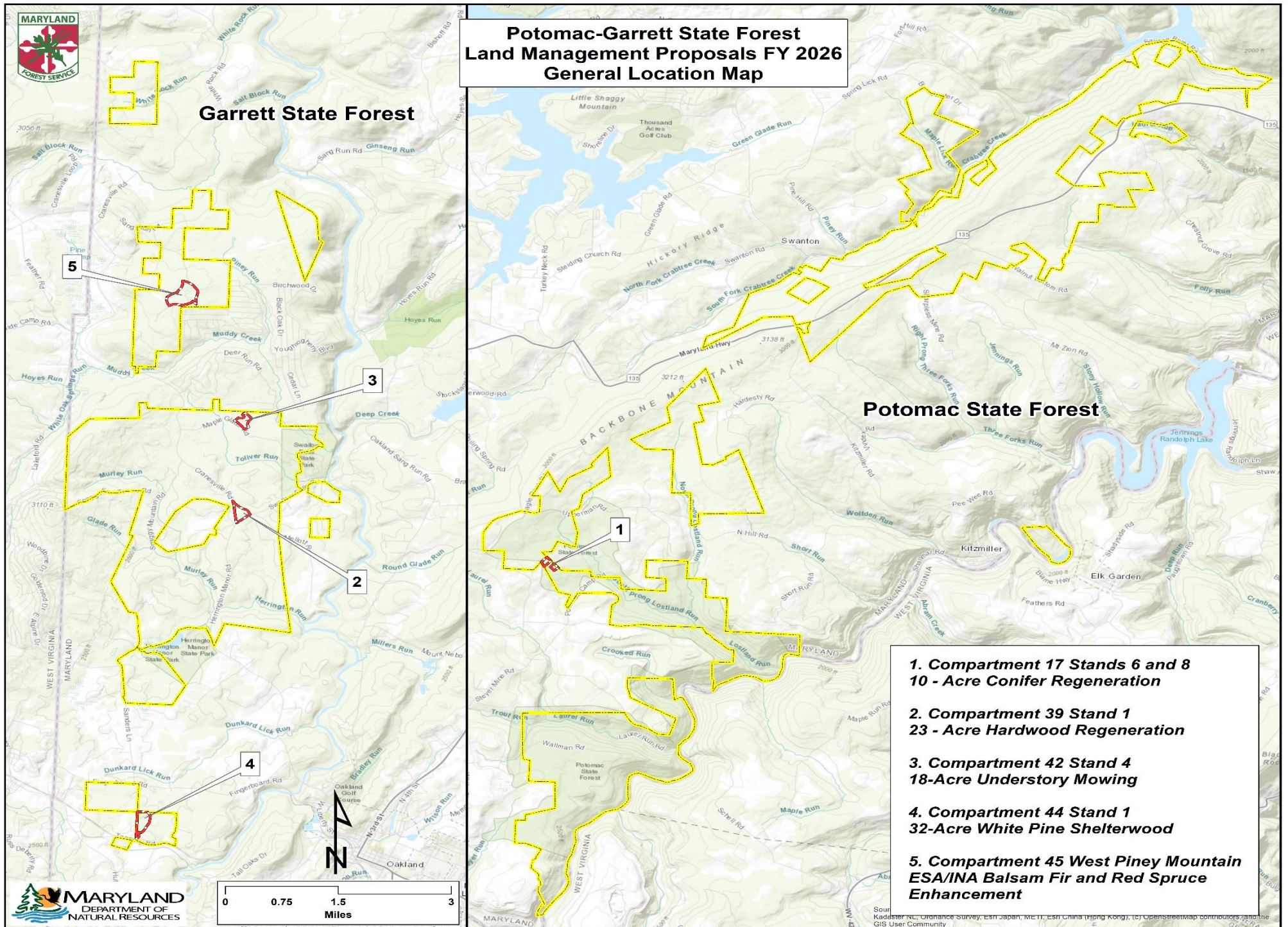


Figure 1. General location map for FY-26 land management proposals.

IV. Special Projects - Forest Resource Management and Planning

A. Continued Development of the Certified State Forest Sustainable Forest Management Plan.

Beginning in 2011, the Forest Service began revising the long-term sustainable management plans for all three of the State Forests in the Western Region. The initial framework follows the sustainable management plan format established for the State of Maryland's Chesapeake Forest on the Eastern shore. The Department's goal was to have the updated sustainable forest management plans receive dual third-party certification under both the Forest Stewardship Councils (FSC) and Sustainable Forestry Initiatives (SFI) standards and guidelines.

Throughout the course of the next two years, broad resource assessments were carried out identifying the various management units and features located on the forests including identification and mapping of High Conservation Value Forest Areas (HCVF), much of which was formerly identified as the State Forests "Special Management Zone". Within the HCVF are located a broad range of Ecologically Significant Areas (ESA). These areas typically contain rare, threatened or endangered species and their critical habitats. By spring of 2011 initial drafts of the Forest's Sustainable Management Plan were developed and shared with stakeholders for initial comment and review. The plans were submitted to both the FSC and SFI organizations in the spring of 2011, at which point audits had been completed on all three of the western state forests. Following the audits, draft plans and audit findings were presented to the State Forests Citizen Advisory Committees for review and comments. The Draft Sustainable Management Plans were made available for public comment fall of 2011. Revisions and updates to the Sustainable Management Plan are made on an annual basis.

Each year the State Forests Management Program is audited for compliance to the standards set forth by the Certifying Organizations. Any shortcomings in the programs identified during the audits are identified in Corrective Action Reports (CARs) and/or observations identified as needing improvement to be certified as sustainably managed forest lands under the internationally recognized FSC and SFI standards. These corrective actions vary from simple formal documentation of routine practices, to more complex policy and procedure development involving various stakeholders and partners. The program requires that all these items be addressed before the next annual audit, with some needing more immediate attention. State Forest staff time and field operations are adjusted and redirected to assist in addressing any Corrective Action items in the course of the next year. During the 2024 recertification audit, a minor non-conformance was issued by the Forest Stewardship Council for pesticide use and an observation for improvement was issued by the Sustainable Forestry Initiative regarding efficient wood utilization (See Appendix 2 and Appendix 3 for a summary of audit findings).

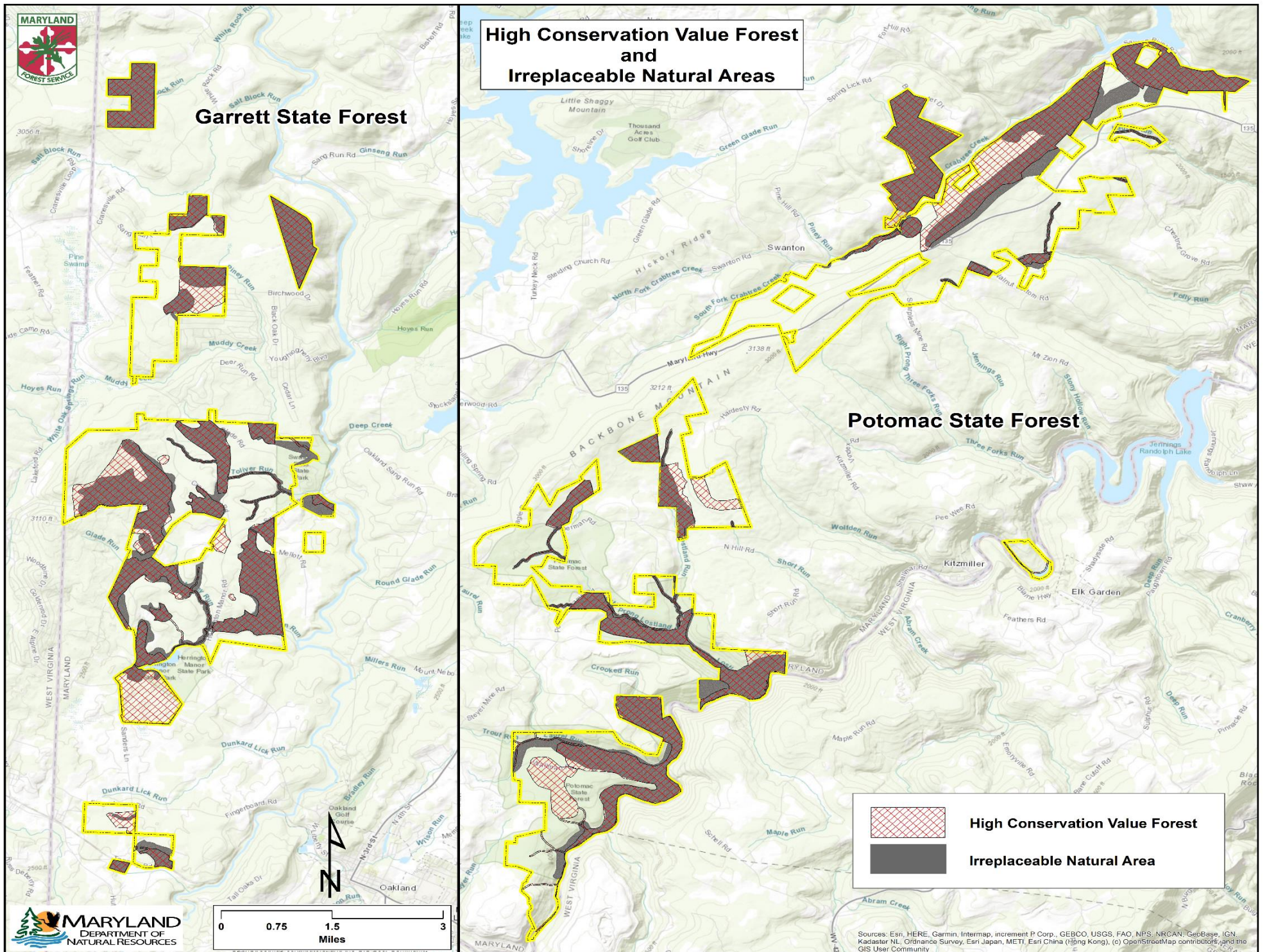


Figure 2. Designated High Conservation Value Forest and Irreplaceable Natural Areas

B. Forest Stand Delineation, Inventory and Monitoring

A critical part of developing long term sustainable management plans is the availability of up-to-date forest inventory data. Initial stand data collection has been completed on the harvestable areas of the forest using the SILVAH Inventory System developed by the US Forest Service which incorporates intense surveys of both the overstory and understory to assist in the formulation of appropriate silvicultural prescriptions in specific forest types. The demand for this important data set is increasingly evident as special projects evolving out of demands placed by Forest Certification Standards utilize this data set for project planning including the Annual Work Plan and the Non-Native Invasive Species Inventory. With the close of the fifth inventory season in 2016, the initial forest wide data collection has been completed on this stage of the forest monitoring program and processing of this data has been completed.

What had historically been carried out on a 10-year interval offering a snap shot in time view of the forest, has evolved into an annual sampling approach that gives a more frequent look at overall forest condition throughout the years. This approach will allow a much closer watch on developing forest conditions and allows for more rapid and timely responses. This approach is especially valuable in light of the numerous and frequent introductions of foreign insects, diseases, and invasive plants that can rapidly disrupt forest systems. The initial Stand Delineation and Inventory Project will be continued as a Forest Monitoring program as required under certification in order to allow for documented observations of changing conditions throughout the forest. Program focus will include: monitoring of developing regeneration sites allowing for the timely response to the investment in intensive silvicultural work such as herbicide control of invasive and interfering plants and prescribed fire; NNIS monitoring and control work; silvicultural results with respect to management objectives and outcomes and recreation/visitor impacts, etc.

V. Maintenance and Operations

Aside from the detailed cultural work planned for the State Forests, the following is a partial list of projects that are often on-going from year to year and are an integral part of State Forest operations: Routine maintenance projects include building repair and maintenance, vehicle maintenance, mowing at the office facility, snow removal, repair and replacement of fire rings and tables at the camp sites, brush hogging trails and repair of road surfaces.

A. Maintenance and Management of Roads and Trails

There are approximately 79.2 miles of trail and hardened road surface on the forest and approximately 1/3 of the mileage is maintained each year. Maintenance in these areas includes brush hogging, mowing, and rehabilitation of road surfaces. Herbicide usage has been integrated into the road maintenance regime in order to control growth in areas where mechanical control methods are not feasible (i.e., steep slopes, narrow paths, rocky areas). The use of herbicide along forest roadways can also reduce operational costs for the maintenance staff by controlling unwanted vegetation along these travel corridors for several years, when applied properly.

In FY-26 maintenance staff will concentrate on carrying out planned trail maintenance as outlined in the National Recreation Trail Grant (NRT) detailed in the Recreation Section of this plan. This will be carried out in addition to basic maintenance on the segments of multiple-use

and motorized-use trails that have been rehabilitated using National Recreation Trail Grants over the past 5 years, along with routine maintenance of the roads and trails as outlined in the road maintenance plan.

As a result of the State Forests Certification Audit, State Forest staff has developed a formalized transportation plan in which the entire transportation infrastructure has been inventoried and assessed for management, use and maintenance needs. From this assessment, the State Forest staff develops annual maintenance plans geared toward making the roads and trails system sustainable. Information gathered for this plan is presently being used to prioritize improvements to be made with the access trails grant referenced above, NRT Grant funds, Critical Maintenance Projects, etc. As work is contracted out, plans will be updated with regard to needs. All 79.2 miles of roads and trails have been classified based on desired use and condition. A detailed breakdown of the road management classification is available upon request at the Potomac-Garrett State Forest Headquarters.

B. Boundary Line Maintenance

Potomac-Garrett State Forest currently has 130 miles of boundary line, including interior lines, exterior lines and road frontage. Boundary maintenance is critical to the management of all public lands. In order to keep up with this effort, State Forest staff maintain approximately 30 miles of line each year. In addition to routine marking and painting, considerable effort is spent on researching, relocating, or establishing missing and/or new line, as well as addressing boundary conflicts. As conflicts arise, every effort is made to resolve the issue in a timely and professional manner. Often, this work leads to the need for a licensed surveyor and legal recourse in order to resolve the issue. With the assistance of Land Planning and Acquisition staff, all previously unpainted and/or missing boundary lines are to be reestablished until the entire forest boundary is demarcated.

C. Campground Operation and Maintenance

Potomac-Garrett State Forest offers year-round, primitive camping in five separate areas of the State Forest; Lostland Run, Laurel Run/Wallman, Snaggy Mountain and Piney Mountain. Within each area is a group site, a rustic trail shelter and several primitive campsites offering a picnic table, lantern post and fire ring. Vault toilets have been installed in each of the five areas to improve sanitary conditions for campers and forest visitors. Campsites and trail shelters are available on a first-come, first-served basis. A self-registration kiosk is available at the entrance to each area.

Major campsite maintenance coincides with major holidays, the end of winter and at the traditional end of the camping season in late summer/early fall. The campsites are also frequented during the white-tailed deer firearms seasons in the fall and winter, during spring turkey season in early spring and during the opening weekend of trout season in late winter/early spring. Maintenance and operation of these primitive campsites includes: managing group site reservations; maintenance of information / bulletin boards; camper contacts to insure policies are understood; self-registration fee collections and deposits; weekly site inspection and cleaning; hazardous tree evaluation and removals; grass mowing (typically the week before the summer holidays and otherwise as needed); maintenance and replacement of picnic tables, lantern posts, and fire rings; and site impact monitoring.

D. 3-D Archery Range Maintenance and Management

Potomac-Garrett State Forest offers the only 3-D Archery Range in Maryland's Public Lands System. Maintenance and operation of this facility includes: promotion of the facility; maintenance of information / bulletin boards; weekly inspection and cleaning; periodic maintenance and replacement of targets; hazardous tree evaluation and removals; brush removal as needed; site impact monitoring, annual overhaul and patching of targets; seasonal set up and take down for the off season.

The archery range, located behind the state forest headquarters, is open daily from April through mid-September from dawn to dusk and offers a 30-target course, with four separate skill levels at each target. Rules and regulations are posted at the range. Cost per round is \$10.00 for adults, \$5.00 for ages 12-16 and free for children under 11. An unlimited season pass can also be purchased for \$35.00 per season.

E. Interpretation and Education

With limited staffing resources, interpretive efforts have been focused on Sustainable Forest Management Programs for targeted audiences using the interpretive features at the Kindness Demonstration Area located off Fingerboard Road in Compartments 43 and 44. Primary audiences have included leaders in the fields of agricultural and natural resources, extension service personnel, forestry board members, forest landowners and forest land managers. The facility is set up as a self-guided lesson in forestry and wildlife management practices and is available to groups and individuals wishing to learn more about sustainably managing forests. Silvicultural projects are ongoing, including a white oak timber stand improvement project being conducted by Appalachian Crossroads.

VI. Recreation

A. Recreation Opportunities (See Figures 3-5 pp. 13-15)

1. Hiking and Biking Trails

Potomac-Garrett State Forest has over 80 miles of trails open to hikers, mountain bikers and horseback riders of any ability. Not all trails are open to all recreational pursuits and it is recommended that before engaging in any activities patrons should visit or contact the state forest headquarters to become aware of any trail restrictions. A backpacking permit must be obtained at the forest headquarters or at any of the self-registration areas for overnight hiking trips. Trail guides featuring a topographic map and trail descriptions can be purchased at the forest headquarters.

2. Off Road Vehicles

A variety of off-road vehicle types, including side by sides, four wheelers, motorcycles, snowmobiles, 4 x 4s, etc. are permitted on trail sections that are blazed green. These areas include Snaggy Mountain Road, Burkholder Road, Piney Mountain Road, Laurel Run Road* and Wallman Road. Riders should consult ORV maps and regulations for each state forest. Riders are required to obtain an annual registration and current Department of Natural Resources ORV permit, available online at www.dnr.maryland.gov. *Laurel Run Road remains closed due to unsafe conditions following the collapse of the roadbed.

3. Hunting

Hunting is permitted throughout the forest, except where posted with safety zone signs. The nearly 19,000 acres of Potomac-Garrett State Forest includes two state park areas (Herrington Manor and Swallow Falls) where hunting is prohibited. The forest boundaries are marked with yellow paint on trees - a yellow bar as you enter the forest and a yellow dot as you exit the forest. Hunting on or crossing private land within or near the state forest requires the written permission of the landowner. Parking is permitted along roadways providing traffic is not blocked. Hunters must have a valid Maryland hunting license and should refer to the current Maryland Guide to Hunting & Trapping for season dates and specific regulations.

Several access roads are opened every fall to accommodate hunters. These gated roads are opened prior to squirrel season in September and remain open through February 3. Opened roads can be used by all hunters and allow for vehicular traffic. Due to the nature of these roads, the use of four-wheel drive is recommended. Disabled hunter access roads are also available. Brochures are available with more details concerning the disabled hunter accessible roads and their locations.

Hunter Safety Classes, required for the purchase of a license, are taught periodically through the Department of Natural Resources. These classes are usually offered in the county at one of the local State Parks.

4. Trapping

Trapping is permitted both on land and in the water. A permit can be issued for trapping on Potomac-Garrett State Forest at the Regional DNR Wildlife Office in Flintstone. Trappers are required to obtain a certificate of trapper education from the Department of Natural Resources. Trapper education courses are held statewide. Refer to the current Hunting & Trapping Guide for complete regulations. A valid hunting license is required when applying for a trapping permit.

5. Fishing

Anglers with a Freshwater Fishing License have the opportunity to catch multiple species of fish in the Potomac River including smallmouth bass, rock bass and several trout species. As part of the DNR trout management program, early spring through fall stocking provides excellent fishing. A variety of opportunities for wild brook trout and stocked brown and rainbow trout exist in other designated areas, including Lostland Run and Laurel Run. When fishing, be prepared to negotiate strong currents, large boulders and fallen trees in the water. Fishing is also available at the nearby Jennings Randolph Lake, which is downstream on the Potomac River. A boat ramp is located on the Maryland side accessible from Mt. Zion Road off MD Route 135. For regulations, creel limits and special management areas consult the Maryland Freshwater Sportfishing Guide or contact the Western Maryland Fisheries Office at (301) 334-8218.

6. Bird Watching

Birders can see a wide variety of avian species, with six eBird hotspots found throughout the Forest as noted by the Maryland Ornithological Society (<http://ebird.org/hotspots>). Ruffed grouse, Blackburian warblers, Canada warblers, cerulean warblers and rose-breasted grosbeak are examples of choice birds that can be seen which only breed in the far western part of the state (Schwarz, 2022).

7. Winter Recreation

Cross-country skiers and snowshoers of all abilities can enjoy a winter wonderland across Potomac-Garrett State Forest. The red and blue trails on the South Snaggy Complex are recommended for a backcountry snowshoe experience. Snowshoers must be careful to walk beside and not on cross-country tracks as it disrupts them.

8. Geocaching

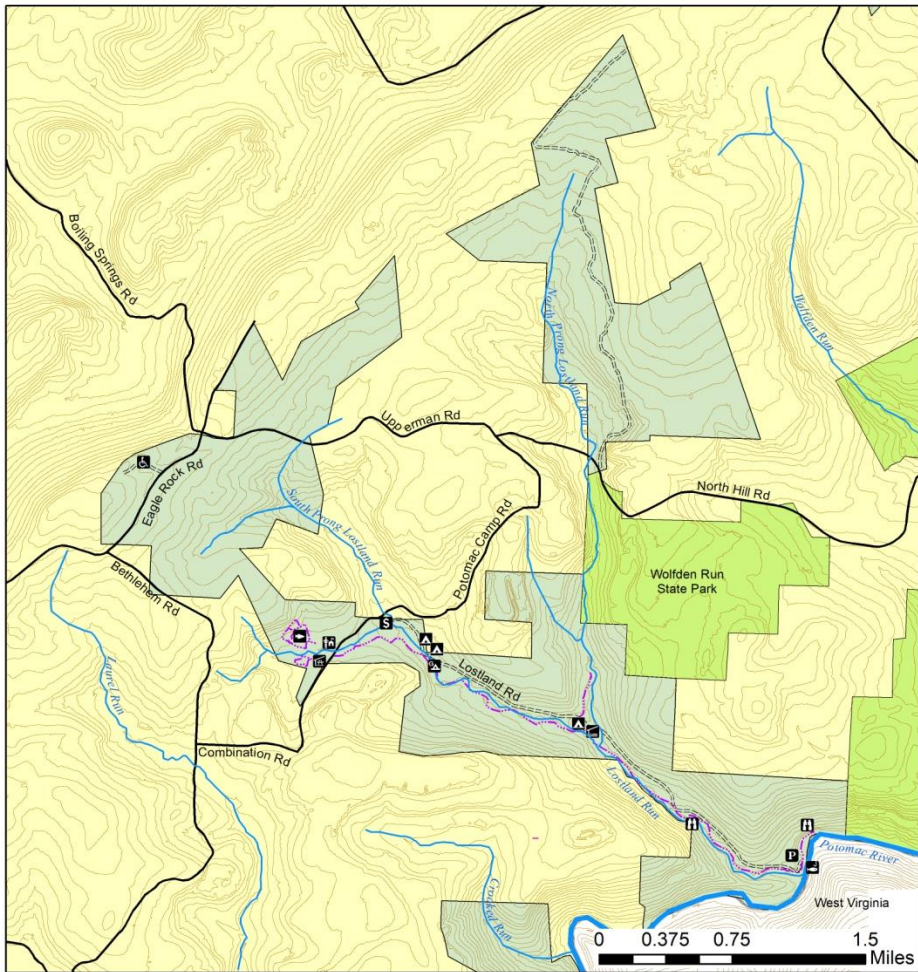
Currently, 14 geocaches are located throughout Potomac-Garrett State Forest for those interested in testing their navigational and tracking skills. All geocaches must be reviewed and approved by the staff before being placed anywhere in the forest. Applications and general rules for geocache placement are available at the state forest headquarters. The list of geocaches can be found online at: www.geocaching.com by searching “Find Caches Near Me” and entering zip code 21550.

9. Maps

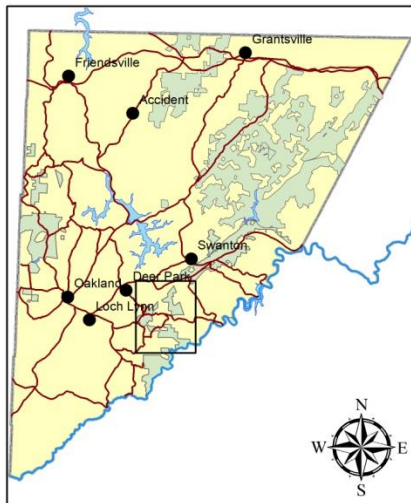
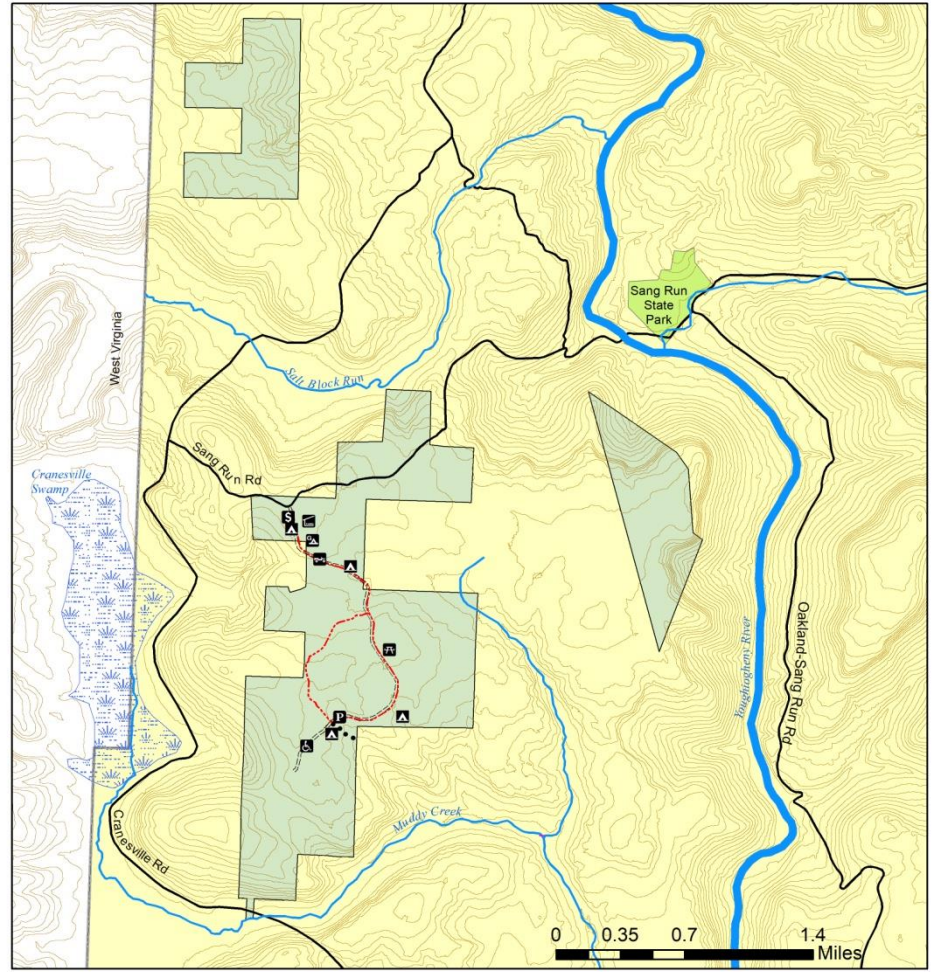
Brochures and maps are available at the Potomac-Garrett State Forest Headquarters Office located at 1431 Potomac Camp Road, Oakland, Maryland 21550.

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Lostland/Eagle Rock/North Hill Complexes



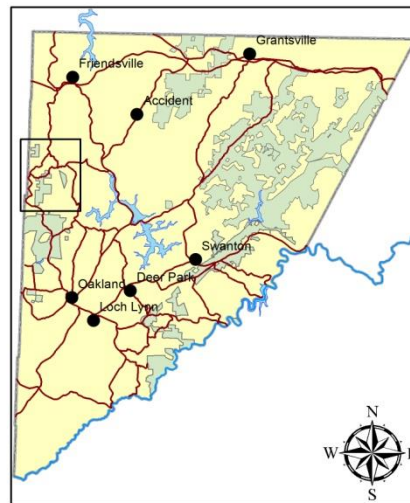
Piney Mtn. Complex



LEGEND

S Information and Self Registration Station	— Paved Road
P Parking	--- Forest Access Road
A Camping	- - - Hiking Trail
3 3 Sided Shelter	— Stream/River
CA Group Camping	○ Contour Line 40 foot interval
HF State Forest Headquarters	■ State Forest
HA Disabled Hunter Access	■ Lake
PA Pavilion	■ State Park
AR 3-D Archery Range	
FA Fishing Access	

MARYLAND DEPARTMENT OF NATURAL RESOURCES
FOREST SERVICE



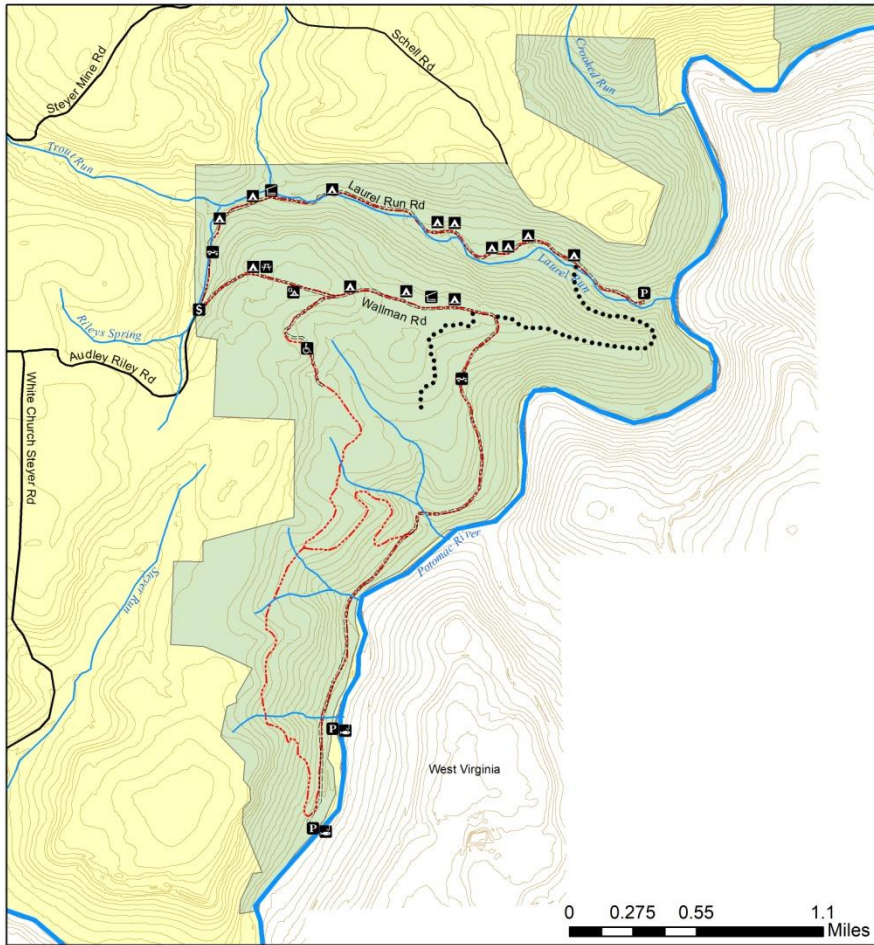
LEGEND

S Information and Self Registration Station	— Paved Road
P Parking	--- Forest Access Road
A Camping	- - - Snowmobile Trail
3 3 Sided Shelter	- - - Hiking Trail
CA Group Camping	— Ski Trail
HA Day Use Area	•••• Gated Access Road
HA Disabled Hunter Access	— Stream/River
OV Off-Road Vehicle Trail	○ Contour Line 40 foot interval
	■ State Forest
	■ Lake
	■ State Park

MARYLAND DEPARTMENT OF NATURAL RESOURCES
FOREST SERVICE

Figure 3. Recreational opportunities on Potomac-Garrett State Forest

Wallman/Laurel Run Complex



Backbone Mtn. Complex

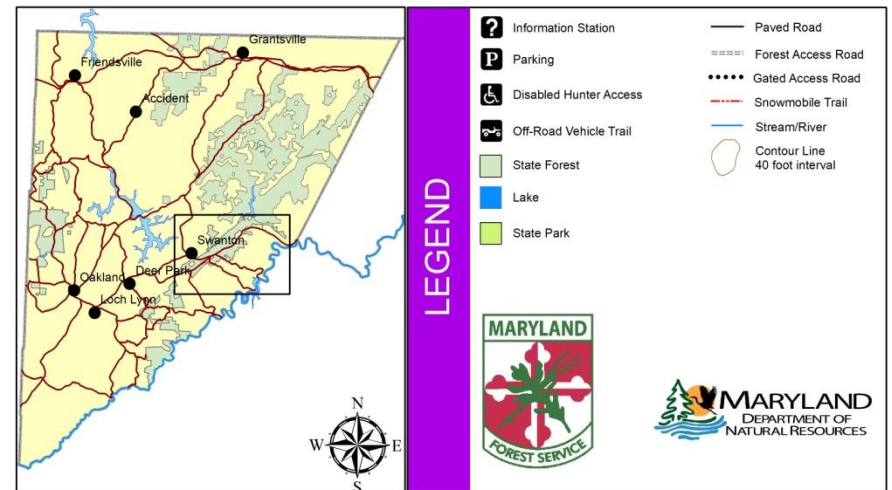
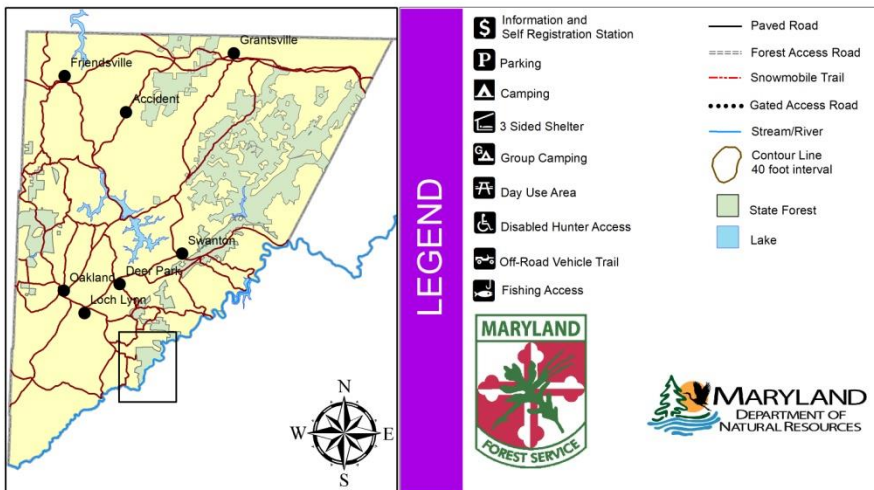
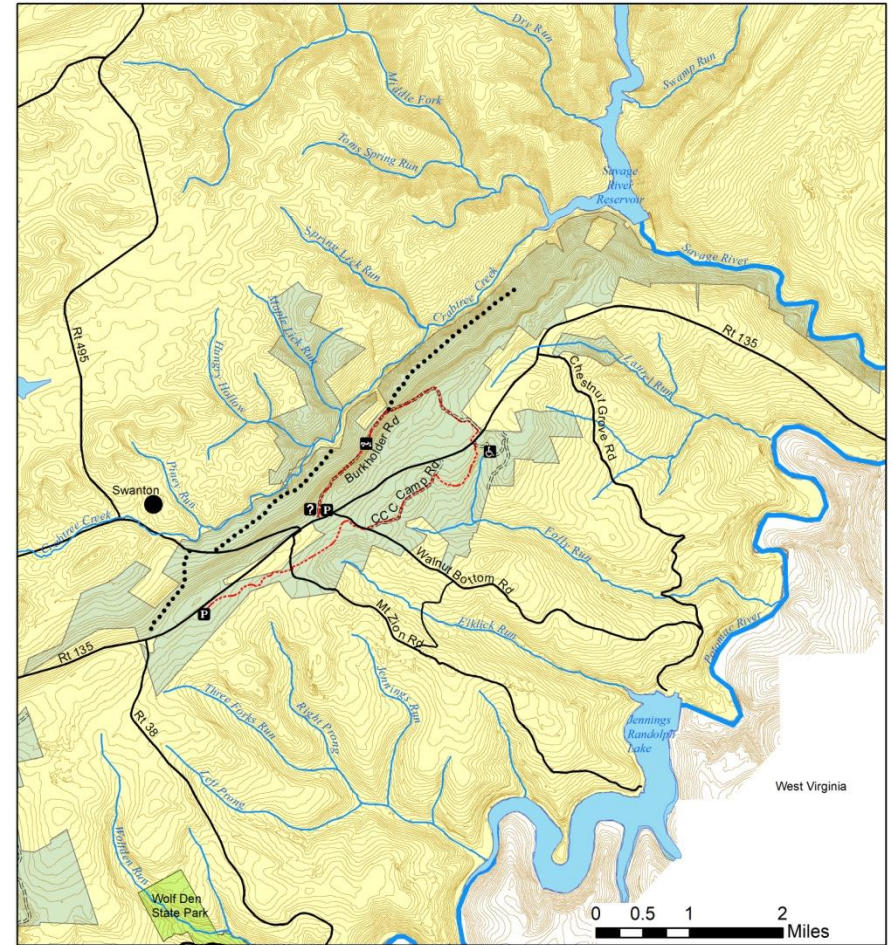


Figure 4. Recreational opportunities on Potomac-Garrett State Forest (cont)

Snaggy Mtn. Complex/Kindness Demonstration Forest

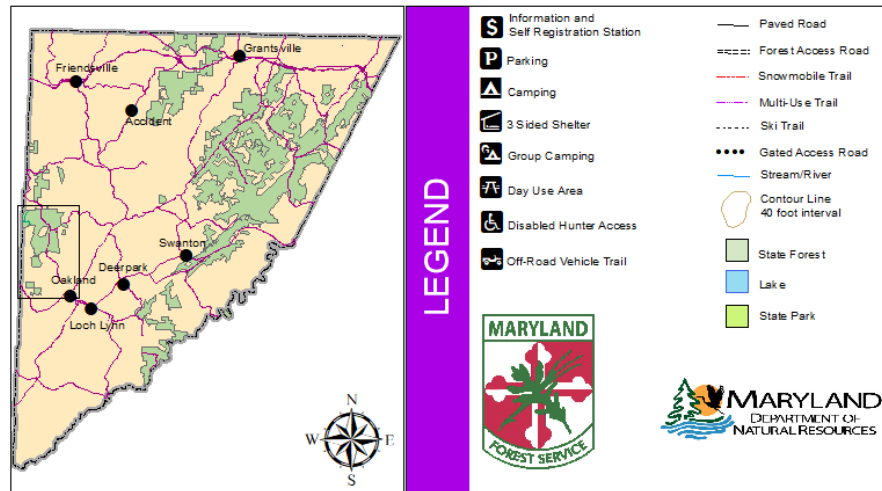
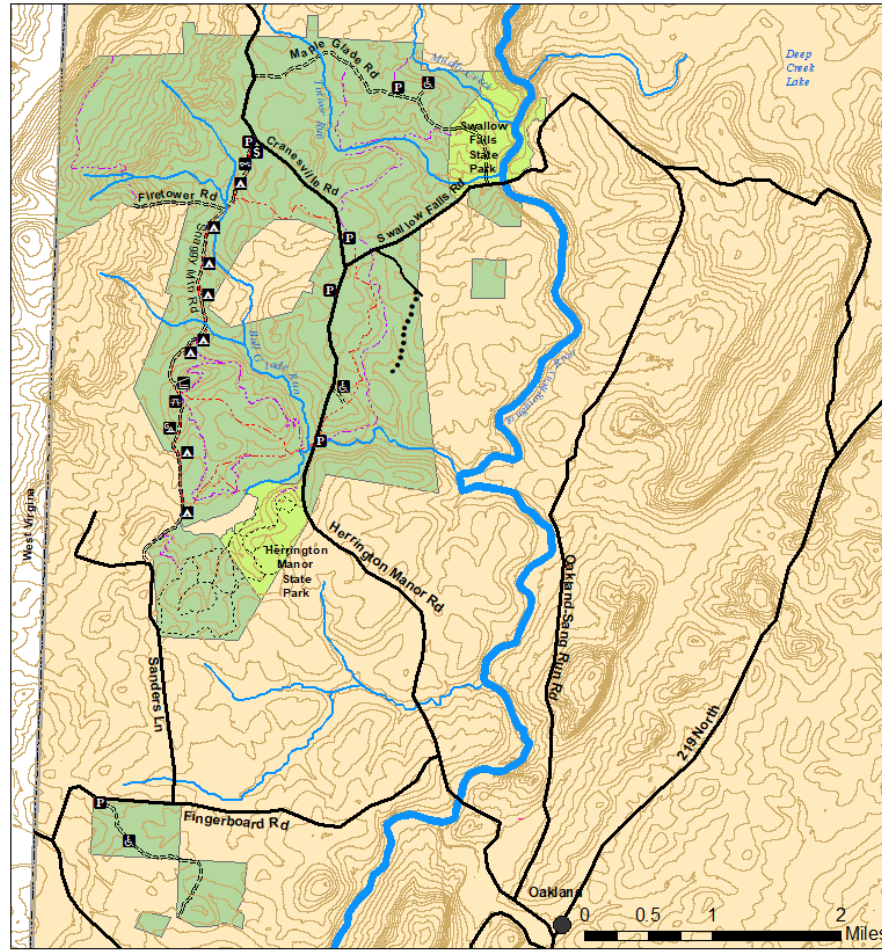


Figure 5. Recreational opportunities on Potomac-Garrett State Forest (continued)

B. Recreation Proposals

I. In the 2018 Legislative Session, SB 606 was passed, which established an Off-Highway Recreational Vehicle Fund that uses the excise titling tax on OHV purchases for the purpose of funding maintenance and construction of ORV trails on DNR owned lands. The Department receives monthly deposits that are split between the Forest Service and Park Service and the Comptroller is required to distribute 50% each year thereafter. The newly appointed position of the Western Region Trails Planner from the office of Forest Resource Planning now handles all appropriation of funds provided by the OHV excise tax fund, excluding requests for equipment, which is handled by each state forest as needs arise.

Funding requests for projects to be implemented on Potomac-Garrett State Forest include:

II. National Recreational Trail Grant Requests

Potomac-Garrett State Forest has submitted 2 National Recreation Trails Grant Request to fund enhancements to recreation trails on the forests. The Piney Mountain project was delayed due to an alignment change to the original scope of work to avoid a wetland area as well as the administration of the project being shifted from a third-party contractor to the Potomac-Garrett State Forest staff to expedite its implementation. Funding for the Snaggy Mountain Snowmobile Trail Rehabilitation Project was initially insufficient, and further monies were required to secure the contractor services with assistance from the Maryland Park Service.

1. Piney Mountain Snowmobile/ORV Trail Rehabilitation Project (RT 20-06) - \$160,000.00 (\$120,000 requested grant funds + \$40,000.00 matching funds)

This project is an amendment to the RT20-06 grant (originally the Snaggy Mountain Snowmobile Rehabilitation Project) and will include maintenance on 1.75 miles of the Piney Mountain ORV/snowmobile trail, restoration and improvements to the trail bed surface and all associated drainage features to include grading and reshaping crown of the trail bed, opening/creating ditches and water diversions on 0.86 miles of snowmobile only trail, installing two (2) gates to curb illegal ORV activity and improvements to trailside amenities for six (6) primitive camp sites and one group site.

2. 5 ½ - Mile Trail Rehabilitation - \$475,000.00 (RT 20-14). (\$375,000 requested grant funds + \$100,000.00 matching funds)

This project will replace 7 bridges, install 1 new bridge and rehabilitate degraded sections of the trail. Maryland Forest Service state staff in coordination with the Maryland Park Service are planning to amend SHA Recreation Trail Grant RT 20-14 to include the Toliver Bridge replacement and additional trail work along the 5 ½ - Mile Trail. Currently, 5 bridges have been constructed, and the trail work locations have been identified. The final 2 bridges listed in the current grant are expected to be constructed Fall 2025, with the trail work and Toliver Bridge work to start Spring 2026. This grant is expected to be completed in FY2027.

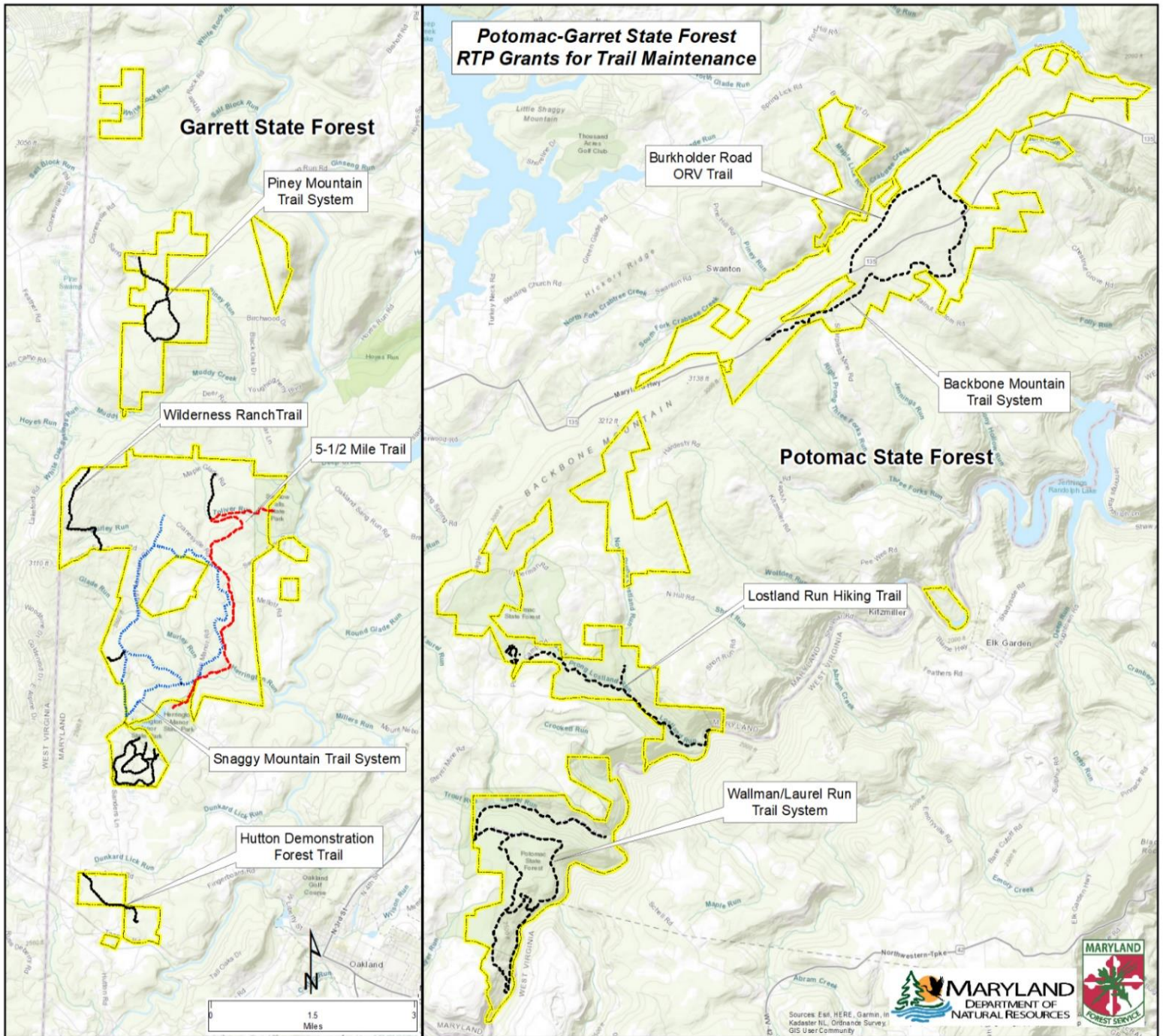


Figure 6. Potomac-Garret State Forest Rec Trail Grant Maintenance

III. Disabled Hunter Hunting Opportunity Enhancement Project

Following the completion of the first elevated shooting platform and access ramp in the Kindness Demonstration Forest at Hutton, a second 10' by 10' structure was constructed on the Disabled Hunter Road off Maple Glade Road in August 2024. The project was funded through the state forest budget and all work was completed by state forest personnel. Plans for similar structures are being developed for the remainder of the disabled hunter access roads throughout the forest.



Figure 7. Maple Glade Road Disabled Hunter Enhanced Hunting Opportunity Project construction sequence.

VII. Wildlife Habitat Management Projects

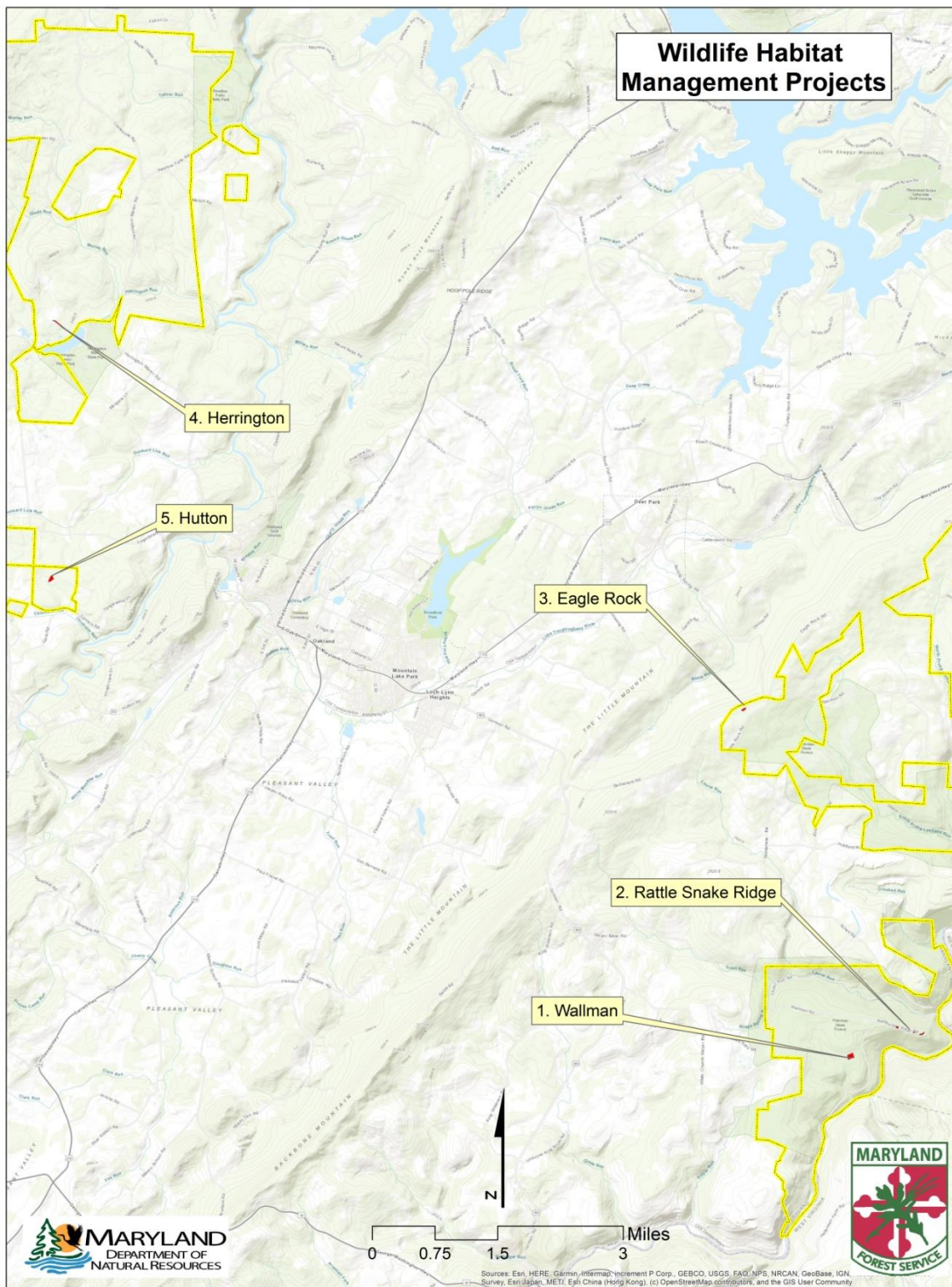
A. General Wildlife Habitat Maintenance

Approximately 7.6 acres of wildlife specific projects have been implemented throughout the state forest. These projects are located in the Wallman, Rattle Snake Ridge, Eagle Rock, Herrington Manor and Hutton areas. General practices include liming and fertilizing as well as planting of cover and grain crops, where appropriate. Plantings focused on overseeding with clover (See Wildlife Habitat Management Projects map and summary, p. 23).

With the recent designation of the monarch butterfly (*Danaus plexippus*) as an endangered species due to declining populations, efforts will be made to promote and preserve areas of various milkweeds (*Asclepias spp.*), which serves as the main food source for monarch caterpillars. All efforts will be made to retain milkweed populations along forest access roads during mowing season.



Figure 8. Potomac-Garrett State Forest Wildlife Habitat Maintenance Projects. Clockwise: A large colony of milkweed along Snaggy Mountain Road; Adult monarch on clover flower; Milkweed occupying a log landing on Piney Mountain.



<i>Area</i>	<i>Species Planted</i>	<i>Acres</i>	<i>Fertilizer</i>
<i>1. Wallman</i>	<i>Clover mix</i>	<i>2.6</i>	<i>1200 lbs 10-20-20</i>
<i>2. Rattle Snake Ridge</i>	<i>None, mowed periodically</i>	<i>1.1</i>	<i>N/A</i>
<i>3. Eagle Rock</i>	<i>Clover mix</i>	<i>.70</i>	<i>300 lbs 10-20-20</i>
<i>4. South Snaggy</i>	<i>Clover mix</i>	<i>1.4</i>	<i>4000 lbs lime</i>
<i>5. Hutton</i>	<i>Clover mix</i>	<i>1.2</i>	<i>500 lbs 10-20-20 4000 lbs lime</i>

Figure 9. Potomac-Garrett State Forest Wildlife Habitat Management Projects

VIII. Ecosystem Restoration / Protection Projects

A. Non-Native Invasive Species (NNIS) Control

Across the State, a biological invasion of non-native and invasive plants is spreading into fields, forests, wetlands and waterways. Referred to in a variety of ways including exotic, non-native, alien or non-indigenous, invasive plants impact native plant and animal communities by displacing native vegetation and disrupting habitats as they become established and spread over time. Early Detection and Rapid Response (EDRR) to control the spread of problematic species is important for the conservation of native flora and fauna. Control efforts often require considerable resources including labor, time and money.

As in many cases, the introduction of these widespread and invasive plants cannot be prevented. It is important to evaluate and plan control efforts in order that such efforts contribute meaningfully to the success of forest conservation plans. EDRR efforts targeting NNIS discovered during the forest wide inventory have been successful in identifying and controlling a number of NNIS populations.

The State Forest staff has treated and/or is monitoring 40 plant colonies or sites including: 18 tree-of-heaven sites, 12 Japanese knotweed sites, 1 mile-a-minute weed site, 2 Japanese barberry sites, 1 Oriental bittersweet site, 1 wavyleaf basket grass site, 1 Chinese silver grass site, 2 Chinese wisteria sites, 1 wavyleaf basket grass site and 2 Japanese spirea sites (See corresponding map for locations). Three species of most concern are:

1. Tree-of-Heaven (*Ailanthus altissima*) Individual stems of the exotic invasive tree-of-heaven have been identified across large areas of the forest. Control measures including both mechanical and chemical have been implemented to remove this species from the limited areas in which it is present. These plant colonies are now part of our long-term monitoring program, with follow-up treatments planned as necessary in the interest of preventing these species from establishing themselves in the otherwise natural forest communities in which they were found.
2. Japanese knotweed (*Fallopia japonica*). Several areas of Potomac-Garrett State Forest have become infested with the invasive plant Japanese knotweed. Twelve treatment areas have been delineated and will be treated and monitored to determine the most effective course of action for suppressing and ultimately eradicating the plant from these areas of the forest. As more effective treatment methods become available for large areas, this area will be reevaluated in regard to implementing a control plan.

Treatments in all areas of the forest involve a two-step process that includes both mechanical and chemical means of control. First, the knotweed is cut and allowed to grow back for 8 weeks, reaching only 2 to 4 feet in height. Second, the new growth is treated with a 2% solution of glyphosate as the active ingredient. Treatment of these areas has been repeated on a yearly basis and will continue until the plant has been eradicated from the target areas.

3. Mile-a-Minute Weed (*Persicaria perfoliata*). Several patches of mile-a-minute weed, another aggressive non-native invasive, have been discovered throughout the forest. Monitoring of the areas will continue, and the sites will be treated as necessary and where feasible to eradicate this plant from the site and prevent it from spreading into the adjacent forest.

B. Compartment 45: West Piney Mountain ESA/INA Balsam Fir and Red Spruce Enhancement and Protection Project

Description/Resource Impact Assessment

Location: This proposal is located within the West Piney Mountain ESA/INA.

Forest Community Type and Condition: West Piney Run natural area within Garrett State Forest is home to the only known occurrence of naturally occurring Balsam Fir (*Abies balsamea*, highly state rare) in Maryland, as well as a wetland locally known as Lost Tree Swamp, which hosts several species of state watchlist plants. The natural area also supports a naturally occurring red spruce (*Picea rubens*) stand. This red spruce stand has developed because of the presence of two large 'mother trees' fortuitously spared during historic logging efforts. Oligotrophic peatland and forested acidic seepage communities both occur here.

The forest on site is part of an extensive block of contiguous forest that provides habitat for forest interior dwelling birds (FIDS) and other rare species. This natural area is part of the Youghiogheny Valley Important Bird Area (IBA), designated by National Audubon Society for nesting and migratory birds. This IBA hosts a diverse bird assemblage including alder flycatcher (*Empidonax alnorum*), northern waterthrush (*Parkesia noveboracensis*), and golden-winged warbler (*Vermivora chrysoptera*) (all state-listed as In Need of Conservation); three vulnerable/watchlist species (cerulean warbler *Setophaga cerulea*; blackburnian warbler *Setophaga fusca*; Canada warbler *Cardellina canadensis*); and other FIDS including wood thrush, broad-winged hawk, and brown creeper.

Interfering Elements: Native hardwoods have infiltrated the wetland and pose a legitimate threat to both conifer species through competition for limited resources. Slowing this succession in the wetland area will be necessary for maintaining suitable habitat for the rare species.

In addition to interfering vegetation, the presence of white-tailed deer can have a negative influence on the regeneration success of the stand. Overbrowsing can facilitate failure of desirable seedling establishment and in extreme cases a shift in species composition dominated by undesirable tree species. Field evaluation of the management unit estimated deer browse impact to be high, especially in regard to the balsam fir. Deer exclusions will be constructed to reduce herbivory and increase the likelihood of regeneration establishment on the site.

Habitats and Species of Management Concern: Red spruce (*Picea rubens*) is a medium-sized, native, evergreen conifer that attains an average height of 60-75 feet and can live for over 300 years. Once common in the highlands of Garrett County, red spruce represented a significant timber species at the turn of the century. Over time, red spruce has been displaced from its historical range in western Maryland through overharvesting and shifts in climate, particularly temperature increases, pollution and limited snowfall (USDA, 2002). Isolated pockets of red spruce are found throughout the county in both natural stands and plantations. Significant efforts have been made to assure the continued existence of this once abundant tree species. The Nature Conservancy has initiated significant Red Spruce restoration efforts in the Cranesville Swamp preserve immediately to the west of this proposal. In 2005 and 2006, 1,600 red spruce seedlings

were planted within the Cranesville Swamp drainage to expand an existing stand of red spruce located in the state forest. Additionally, in 2018, approximately 100 red spruce seedlings were planted on the northern periphery of the ESA/INA and hardwood competition adjacent to the established stand was reduced via girdling.

Balsam fir (*Abies balsamea*) is a native, coniferous, evergreen, small to medium-sized, upright tree. At maturity it may reach a height of 40 to 90 feet with a diameter of 12 to 30 inches and can live for 200 years (Uchytel, 1991). It is found in eastern and central Canada and the northeastern United States (Minnesota east to Maine) and south in the Appalachian Mountains to West Virginia, Virginia, and Maryland. In Maryland, it is listed as S1, highly state rare, and is only found in high elevation mesic coves and outcrops in Garrett County (Maryland Biodiversity Project, 2024).

Water Resources: The West Piney Mountain ESA/INA contains the headwaters of an unnamed Muddy Creek tributary, draining south within the Youghiogheny River watershed. The proposed silvicultural treatments will occur within the stream buffer areas but will be done manually. No heavy equipment will be permitted within the protective riparian buffers of any streams or associated wetlands per the requirements set forth in the State Forests Sustainable Forest Management Plan.

Soil Resources: Underlying soil type is mapped as Dekalb and Leetonia very sandy loams, 0 to 15% slopes (DIC). These soils are moderately deep and well drained. Equipment limitations range from slight to moderate with increasing slopes. The site has fair productivity for woodland management, with a site index of 55-65 for upland oaks.

Recreational Resources: No developed recreational resources are located within this stand. Hunting is the primary recreational pursuit occurring in this area. All silvicultural work in this stand will be conducted by state forest personnel and no felled material will be removed from the site, minimizing disruptions. Timing of management activities will fall outside of established hunting seasons and all efforts will be made to reduce any disruptions to recreational activities.

Management and Silvicultural Recommendations

The West Piney Mountain ESA/INA houses isolated populations of red spruce and balsam fir, both unique to Potomac-Garrett State Forest. The red spruce in the area has been found at all life stages, although cones were not observed during the preliminary investigation. The balsam fir, however, has been dramatically impacted by deer browsing, resulting in a prostrate growth pattern that makes the trees appear more as ground cover, with few vertical branches. This project will focus on the preservation of these populations by enhancing their chances of survival through competition reduction, implementation of deer fencing, and possible planting of additional red spruce along the periphery of the wetland in which they are found. Wildlife/Heritage input on this project will be sought to determine the best course of action for maintaining these uncommon species as a component of the forest landscape.



Figure 11. Red spruce and balsam fir in the West Piney Mountain ESA/INA. Clockwise: A red spruce “mother tree”; Multiple generations of red spruce; Prostrate form of balsam fir resulting from deer herbivory.

IX. Monitoring and Research Projects

A. Monitoring

1. Silvicultural Activities

All silvicultural operations taking place on Potomac-Garrett State Forest will be monitored on a weekly basis and more frequently when adverse weather conditions arise to ensure that all Best Management Practices are being followed. Regeneration harvests will be monitored five and ten years after harvest. Non-native invasive species will be monitored yearly and herbicide treatment regimens will be implemented as necessary to eradicate these species from the forest ecosystem. Management documents outlining specific treatments and monitoring schedules have been drafted for the individual species.

B. Research Projects *(Full write-ups of each project are available at the State Forest Office)*

1. Emerald Ash Borer Management. Maryland Department of Agriculture (Kuhn, 2024). Project Number: 2024DNR033.

Project Description:

The Maryland Department of Agriculture, Forest Pest Management Program (MDA FPM) conducts extensive yearly detection and monitoring surveys for damaging forest pests across the state of Maryland. MDA FPM also conducts treatments for some of these pests including spongy moth, hemlock woolly adelgid, and emerald ash borer. In addition to pesticide treatments, MDA FPM participates in biocontrol projects aimed at controlling forest pests such as the hemlock woolly adelgid and the emerald ash borer.

This project aims to continue to survey, treat, and sample identified priority Ash trees threatened by Emerald Ash Borer (EAB). Several methods of treatment will be used, with the primary method being trunk treatment with injections of emamectin benzoate by MDA FPM staff and/or trained Maryland Conservation Crew members who are overseen by Certified Pesticide Applicators from the Maryland Department of Agriculture. Other methods of treatment include the release of USDA approved biological control agents (*Tetrachicus planipennis*, *Spathius galinae*, *Oobius agrili*, and *Spathius agrili*).

Other activities related to this effort include visual surveys, passive trapping, and destructive sampling as necessary to determine and confirm the presence of EAB and biological control agents in DNR land units. Sentinel traps are used to determine parasitoid presence and are not a form of treatment, but data from these traps is the bedrock of an effective statewide integrated pest management program. All sites will be accessed by foot from the nearest vehicular surface and ongoing tracking will occur in future years to determine continued treatments.

In general, access to vast tracts of state-owned properties allows MDA FPM to both cast a wider net when searching for this damaging pest species, and to focus on high-risk, high value invasion areas (such as state parks with large campgrounds). Rapid access to these properties improves the response time of MDA FPM to a burgeoning invasion, and early detection allows

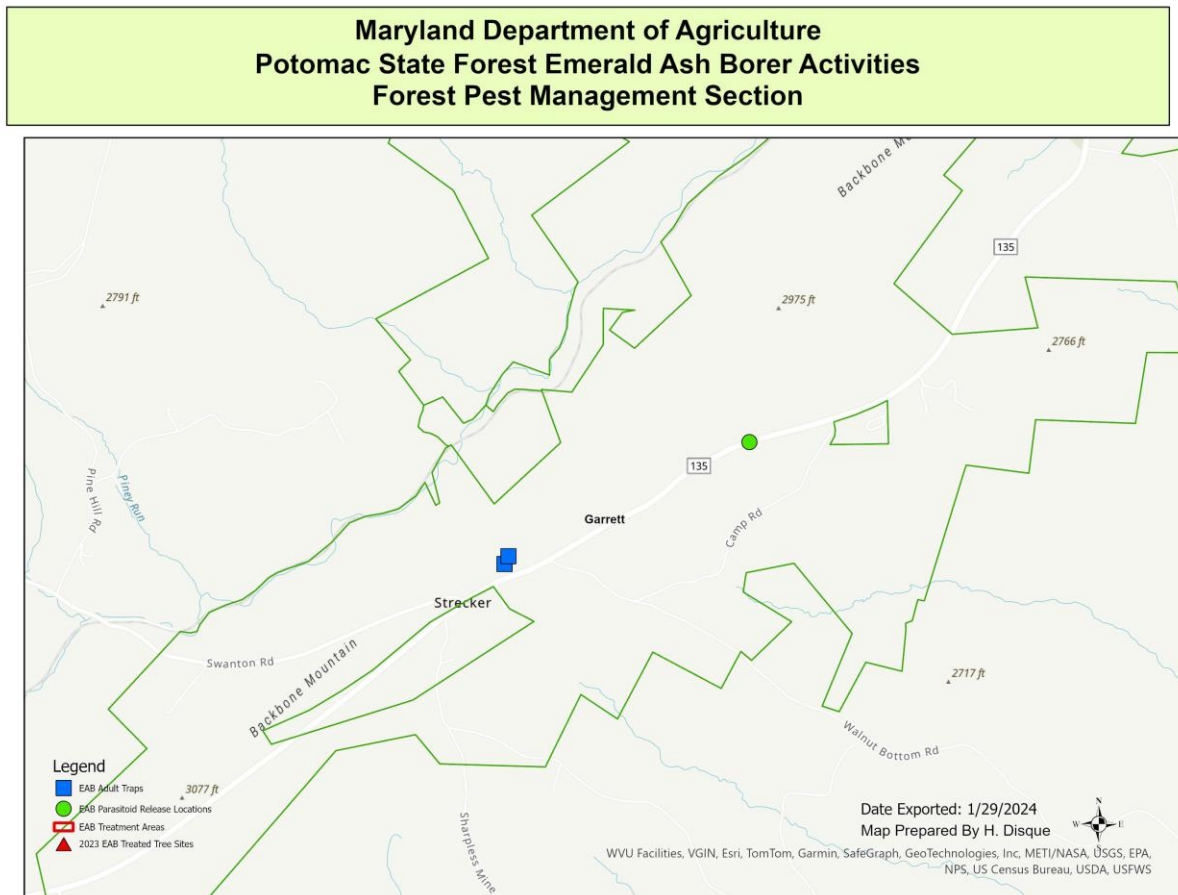
FPM and MPS land managers to perform more targeted, more effective responses to rising or invading pest populations.

General Site Conditions:

MDA FPM conducts surveys and treatments across the state of Maryland's many diverse ecosystems and habitat types. Treatments for EAB will be at high priority sites such as state parks, as well as other wild land areas to preserve a seedbank for rare ash species, possibly on state forest lands. The 25 DNR lands involved include **Big Run State Park; Casselman River Bridge State Park; South Mountain State Park; Washington Monument State Park; Greenbrier State Park; Gambrill State Park; Cunningham Falls State Park; Seneca Creek State Park; Patapsco Valley State Park; Gunpowder Falls State Park; North Point State Park; Susquehanna State Park; Elk Neck State Park; Fair Hill Natural Resource Management Area; Tuckahoe State Park Complex; Sandy Point State Park; Merkle Natural Resource Management Area-Wildlife Sanctuary; Martinak State Park; Janes Island State Park; Pocomoke River State Forest; Idyllwild Wildlife Management Area; Nanticoke Wildlife Management Area; Chesapeake Forest Lands; Old Bohemia Wildlife Management Area; Millington Wildlife Management Area.**

Project Considerations:

This project is part of an interagency agreement between the Maryland Department of Agriculture Forest Pest Management section and the Maryland Park Service and Maryland Forest Service. An MIUA was first signed in 2016 and the project has continued to this day.



2. Hemlock Woolly Adelgid Treatment and Suppression Plan. Maryland Department of Agriculture (Kuhn, 2024). Project Number: 2024DNR042.

Project Description:

The purpose of this large-scale project, spanning multiple land units owned and managed by DNR, is to slow or control the damage to Maryland's eastern hemlock forests predominantly by an invasive insect called the hemlock woolly adelgid (*Adelges tsugae*). Treatment options are described in the 2024 Maryland Hemlock Conservation Plan. This review would constitute approval for the next three years from 2024 to 2027, whereby MDA Forest Pest Management will respond quickly when new infestations are found, or new treatment options are appropriate.

General Site Conditions:

Sites include the following DNR Land Units: Big Run SP; Cunningham Falls SP; Deep Creek Lake HCF; Deep Creek Lake SP; Fair Hill NRMA; Fort Frederick SP; Garrett SF; Green Ridge SF; Gunpowder Falls SP; Herrington Manor SP; Monocacy NRMA; New Germany SP; Patapsco Valley SP; Patuxent River SP; Potomac SF; Rocks SP; Rocky Gap SP; Savage River SF; Seneca Creek SP; Sideling Hill WMA; South Mountain SP; Swallow Falls SP; Youghiogheny NEA; Wye Island NRMA. Counties include the following: Allegany; Baltimore; Carroll, Cecil; Frederick; Garrett; Harford; Howard; Montgomery; Queen Anne's; Talbot; Washington.

Project Considerations:

This project is part of an interagency agreement between the Maryland Department of Agriculture Forest Pest Management section and the Maryland Department of Natural Resources. The Hemlock Woolly Adelgid Treatments and Suppression Plan was first developed in 2004 in coordination between the Maryland Department of Agriculture Forest Pest Management section, the Maryland Park Service, Maryland Forest Service, Maryland Fisheries Service, Maryland Wildlife and Heritage Service and the US Forest Service. It was revised in 2010 and 2015, whereby the project was reviewed statewide with no objections and approved by DNR and MDA.

This Minimal Impact Use Agreement (MIUA) is for all affected DNR Land Units which includes the following the DNR lands: Big Run SP; Cunningham Falls SP; Deep Creek Lake SP; Fair Hill NRMA; Fort Frederick SP; Green Ridge SF; Gunpowder Falls SP; New Germany SP; Patuxent River SP; Potomac SF; Rocks SP; Rocky Gap SP; Savage River SF; Sideling Hill WMA; South Mountain SP; Swallow Falls SP; and Wye Island NRMA. A new MIUA for all affected land units would be required following this internal review for 2028 and beyond.

X. Silvicultural Proposals

COMPARTMENT 17 – Stands 6 and 8
(PG-26-S-01)

FY-26

Description/Resource Impact Assessment

Location: This proposal is located north of the Potomac-Garrett State Forest Headquarters accessible off Bethlehem Road via an existing access located approximately 0.7 miles southeast of the intersection with Eagle Rock Road.

Forest Community Type and Condition: This harvest consists of two planted conifer stands: Stand 6 consists of an overstocked large sawtimber eastern white pine stand with an average basal area of 173 ft²/acre and an average merchantable diameter of 17". The majority of the stand, 83%, is considered unacceptable growing stock. Stand 8 is a mixed conifer stand dominated by red pine, making up 72% of the overstory, with the remaining 28% being white pine. The stand is overstocked with an average basal area of 160 ft²/acre and merchantable diameter of 12.8". Similar to Stand 6, 80% of the growing stock is unacceptable. Typical of such overstocked plantations, there is very little desirable regeneration present in the understory and the surrounding hardwood stands are encroaching on the periphery of the conifer where light gaps have developed.

Interfering Elements: The lack of any desirable regeneration as well as interfering understory plant competition within both stands illustrates the effects of highly overstocked conifer plantations on inadequate understory establishment and growth due to limited light resources and thick duff layers.

Historic Conditions: Both stands were established as part of a state forest planting project conducted in 1939. The hardwood stand located between the conifer stands was regenerated in 2013. Neither evidence of fire nor any signs of significant insect infestations were observed during the inventory of the stand.

Rare, Threatened and Endangered Species: No rare, threatened, or endangered species have been identified on the site that would be impacted by the silvicultural prescription.

Habitats and Species of Management Concern: The conifer plantation component of the forest landscape was implemented in an effort to rehabilitate overused and misused tracts of agricultural and mine land by serving as a nurse crop that would foster the reestablishment of native species and would subsequently be harvested in its entirety. Forest management priorities have not adhered to this strategy allowing the conifer stands to reach maturity and, in the process, creating a unique habitat niche for a suite of species. However, in the absence of any silvicultural work being implemented, the planted conifer stands persist in a severely overstocked condition, some to the point of stagnation and decline. Where appropriate, as with these two stands, final harvests will be applied to stands in accelerated states of decline followed by occupation of the site by native hardwoods or artificial regeneration with suitable species.

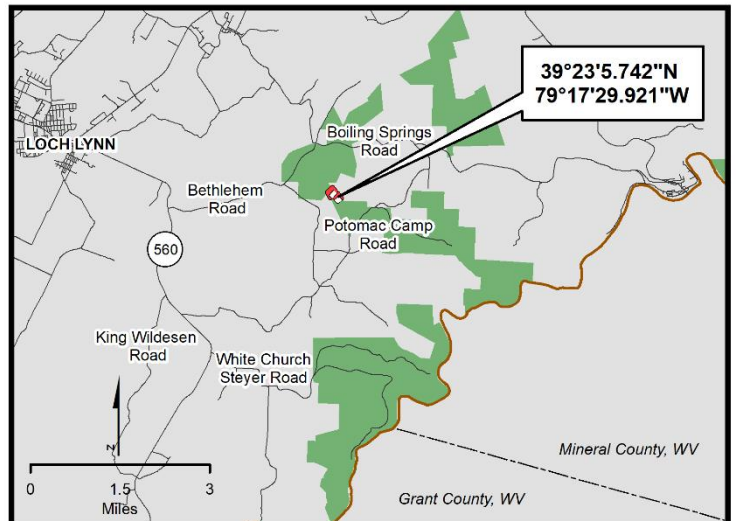
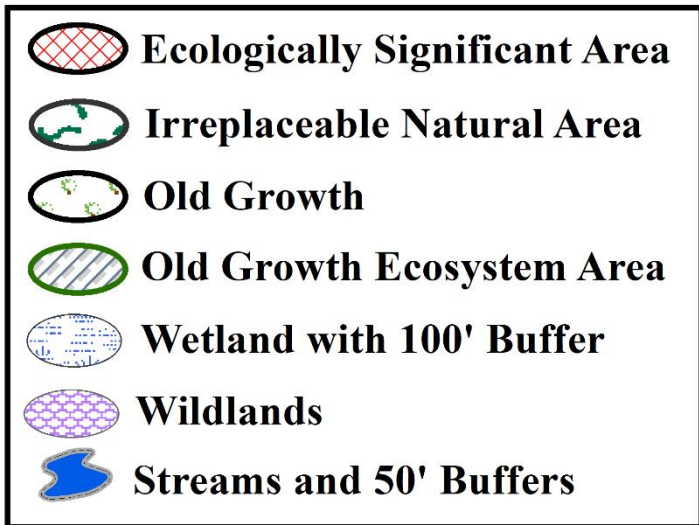
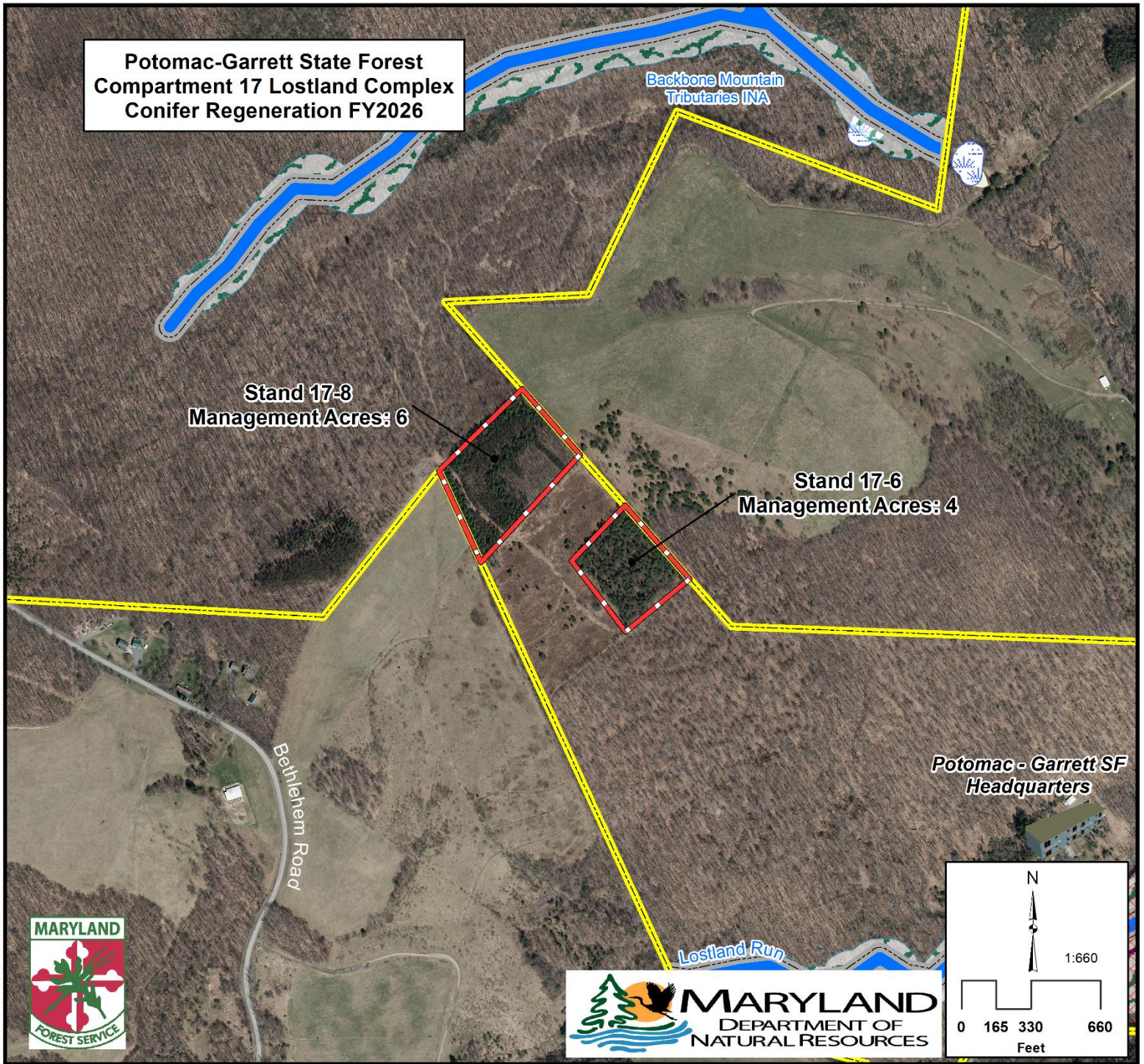
Water Resources: Both stands drain into the South Prong of Lostland Run, within the Potomac River watershed. The proposed silvicultural treatments will be outside of all stream buffer areas. No heavy equipment will be permitted within the protective riparian buffers of any streams or associated wetlands per the requirements set forth in the State Forests Sustainable Forest Management Plan.

Soil Resources: Underlying soil type is mapped as Gilpin channery silt loam, 0 to 10 percent slopes (GnB2). These soils are moderately deep and well drained. Equipment limitations range from slight to moderate with increasing slopes. The site has excellent productivity for woodland management, with a site index of 75-85 for upland oaks. The productivity of the site will be protected by minimizing the haul roads and skid trails as per the Department's Best Management Practices and rutting guidelines.

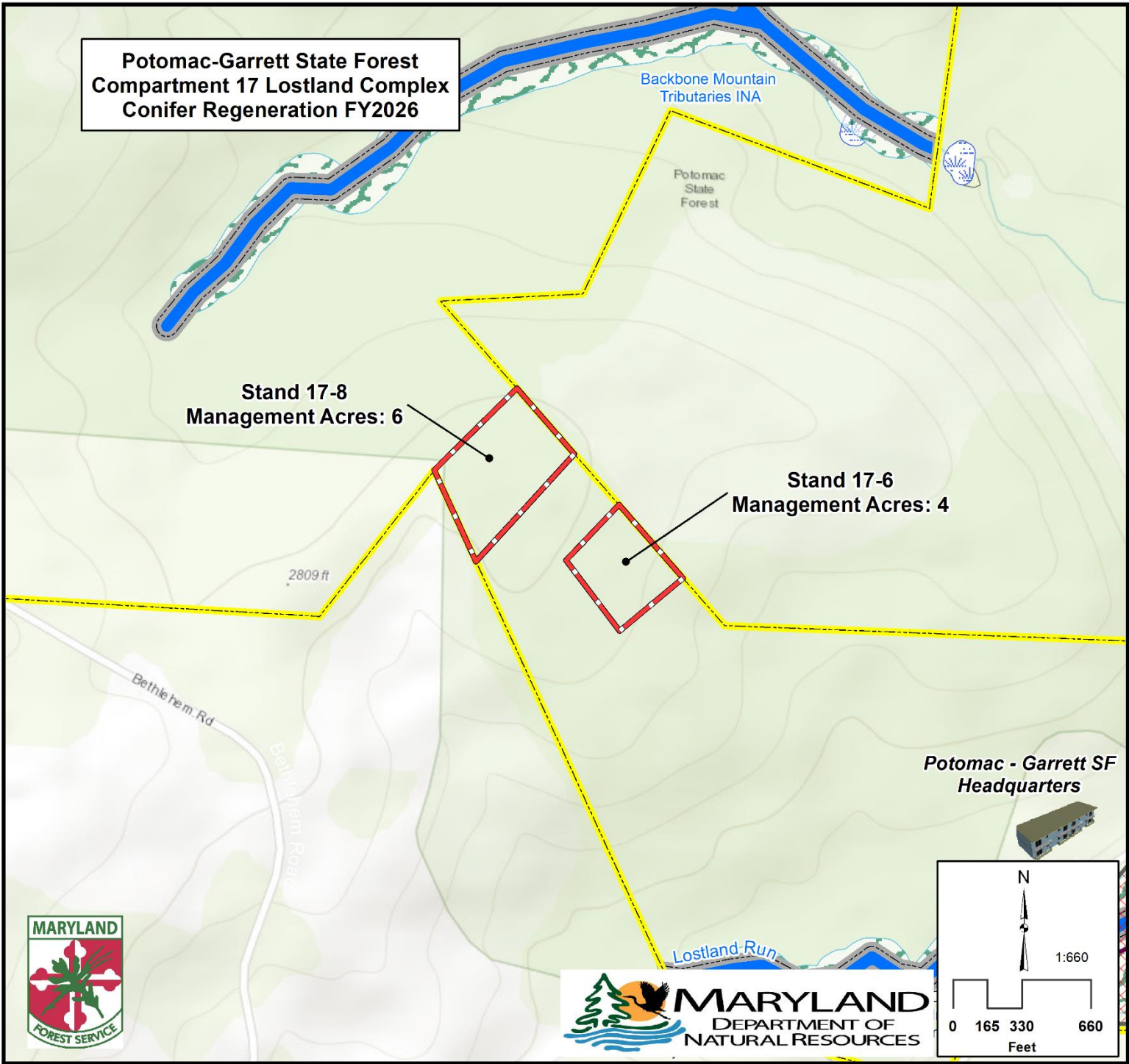
Recreational Resources: No developed recreational resources are located within this stand. Hunting is the primary recreational pursuit occurring in this area. Recreational opportunities may be disrupted for the duration of the harvest activities and access to the site may be limited depending on the timing of the harvest operations.








Management and Silvicultural Recommendations

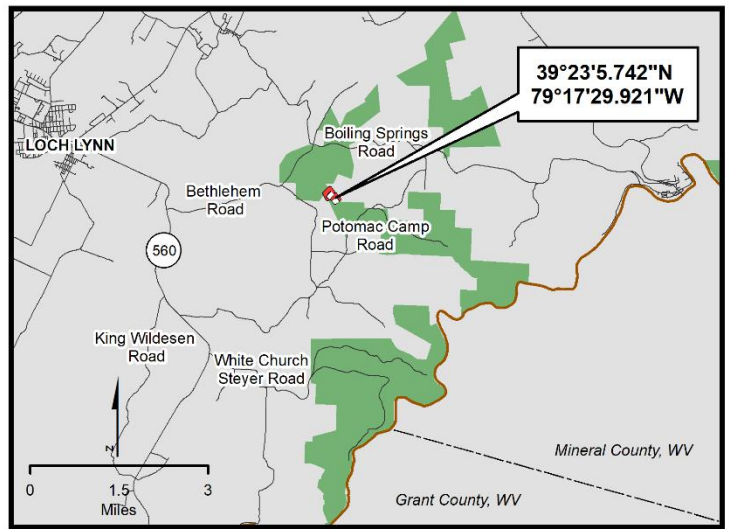
The overall structure of both stands is degrading with stems beginning to succumb to the crowded environs and fall out. Due to the poor form of the stands, thinning treatments would not be effective and would most likely result in large scale windthrow. Conifer regeneration is absent in the understory and the surrounding hardwood stands are encroaching on the increasing light gaps. Therefore, in order to maximize the value of the remaining trees, both stands will be clearcut with the hardwood inclusions serving as necessary retention.



**Potomac-Garrett State Forest
Compartment 17 Lostland Complex
Conifer Regeneration FY2026**



-  **Ecologically Significant Area**
-  **Irreplaceable Natural Area**
-  **Old Growth**
-  **Old Growth Ecosystem Area**
-  **Wetland with 100' Buffer**
-  **Wildlands**
-  **Streams and 50' Buffers**



Description/Resource Impact Assessment

Location: This 24-acre harvest proposal is located at the intersection of Herrington Manor Road, Cranesville Road and Swallow Falls Road within the Snaggy Mountain Complex.

Forest Community Type and Condition: This management unit is composed of a large sawtimber mixed oak stand, consisting of white oak (52%), red maple (35%) and black cherry (11%). Competitive oak regeneration is found on 30% of the stand and established regeneration of desirable species inhabits 33% of the site. The average relative density of the stand is 75%, with an average basal area of 104 ft²/acre and an average merchantable diameter of 17.5”.

Interfering Elements: Interfering understory competition is absent throughout the stand, as it was effectively removed during the initial thinning operation conducted in 2015. No Non-Native Invasive Species were recorded within the management unit.

This stand is near agricultural lands, which attract significant numbers of white-tailed deer to area leading to browsing of desirable regeneration. Such overbrowsing can facilitate failure of desirable seedling establishment and in extreme cases a shift in species composition dominated by undesirable tree species. Field evaluation of the site estimated deer browse impact to be moderate. Monitoring deer browsing impacts will coincide with regeneration surveys to determine if additional measures need to be implemented to reduce deer herbivory and maintain the established regeneration on the site.

Historic Conditions: The stand was thinned in 2015. Neither evidence of fire nor any signs of significant insect infestations were observed during the inventory of the stand.

Rare, Threatened and Endangered Species: Acoustic surveys detected the presence of a rare bat species in/around the proposal. Harvest specifications will require that any tree felling be limited to the period between September 1 and May 14 to avoid disturbance.

Habitats and Species of Management Concern: No habitats or species of management concern will be affected by the silvicultural prescription recommended for this stand.

Water Resources: This management unit drains northeast into an unnamed tributary of Toliver Run, within the Youghiogheny River Watershed. The proposed silvicultural treatments will be outside of all HCVF and stream buffer areas. No heavy equipment will be permitted within the protective riparian buffers of any streams or associated wetlands per the requirements set forth in the State Forest Sustainable Forest Management Plan.

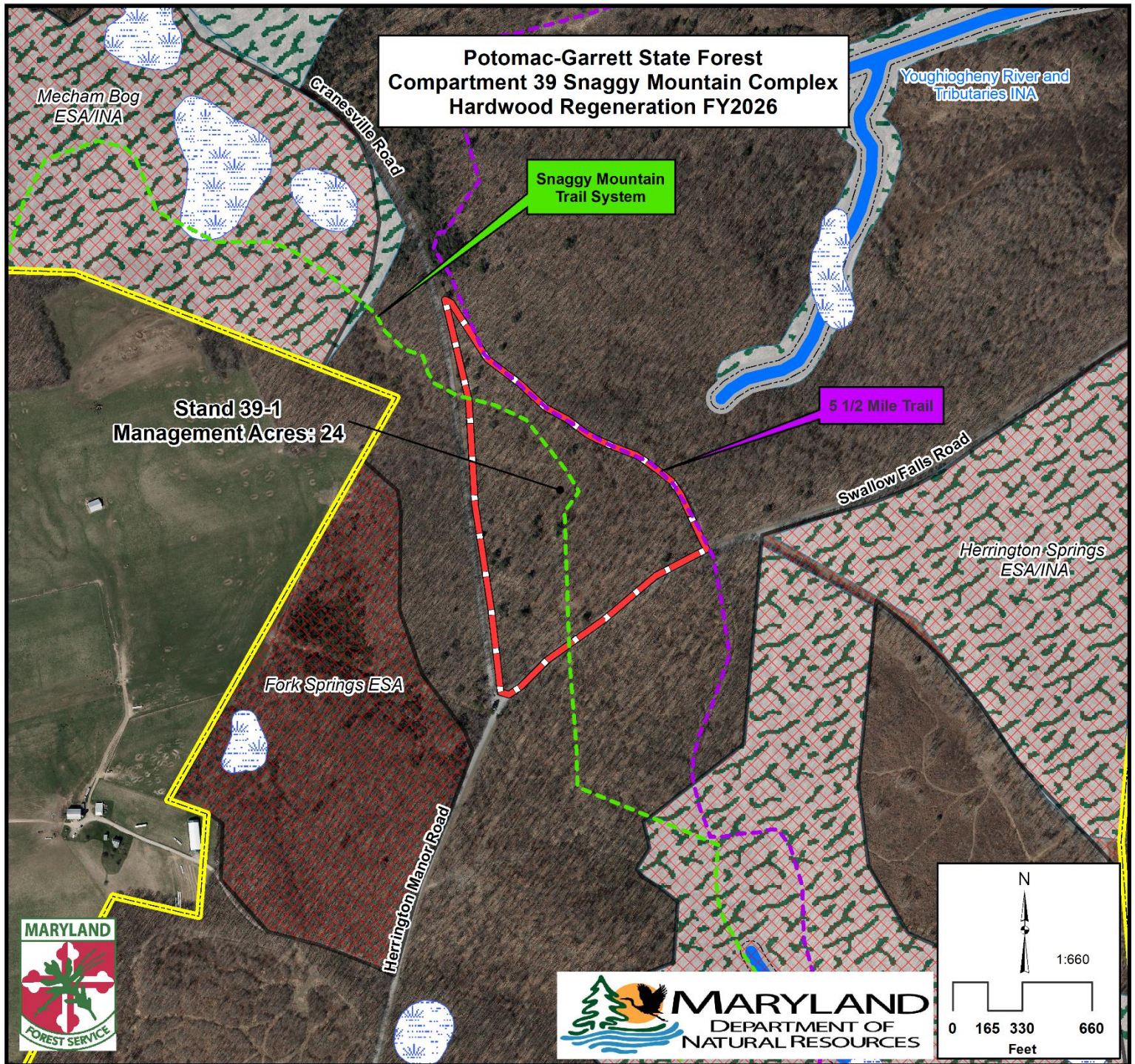
Soil Resources: Underlying soil type is mapped as Dekalb and Leetonia very sandy loams, 0 to 15% slopes (DIC). These soils are moderately deep and well drained. Equipment limitations range from slight to moderate with increasing slopes. The site has fair productivity for woodland management, with a site index of 55-65 for upland oaks. The productivity of the site will be








protected by minimizing the haul roads and skid trails as per the Department's Best Management Practices and rutting guidelines.

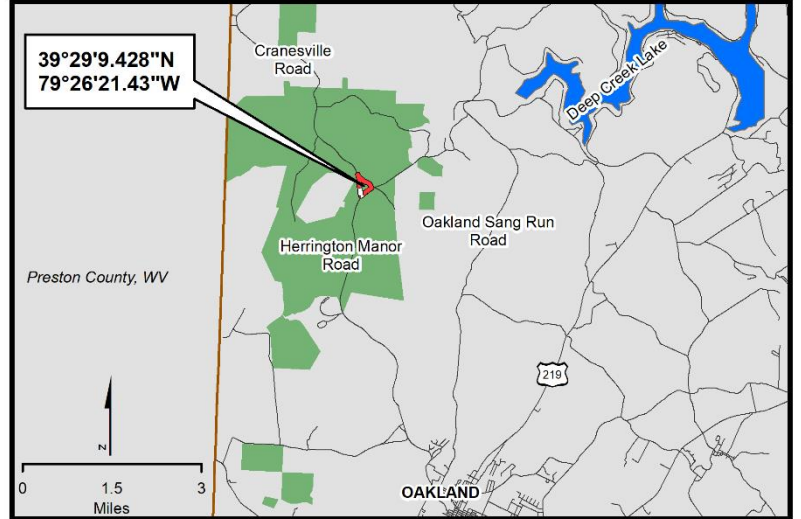
Recreational Resources: The Snaggy Mountain Snowmobile Trail passes through the proposal and the 5 ½ Mile Trail meanders along the eastern periphery of the stand. Access to both trail sections will be suspended and/or limited and any recreational opportunities within the stand may be disrupted for the duration of the project.

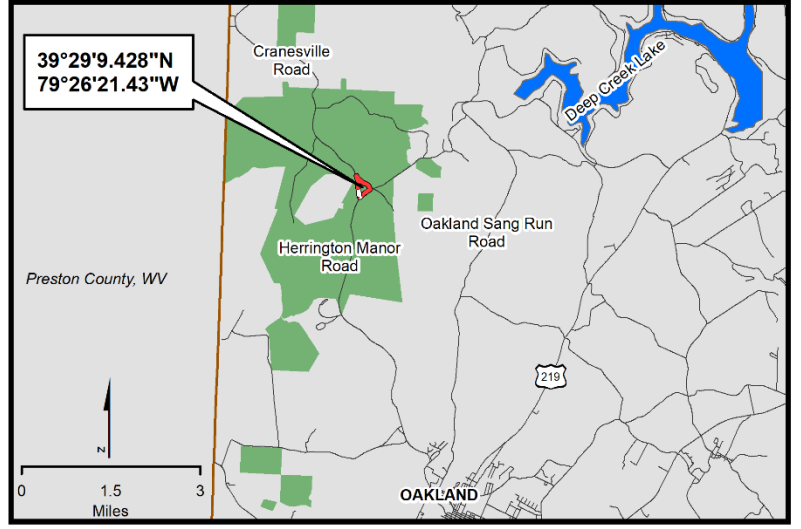
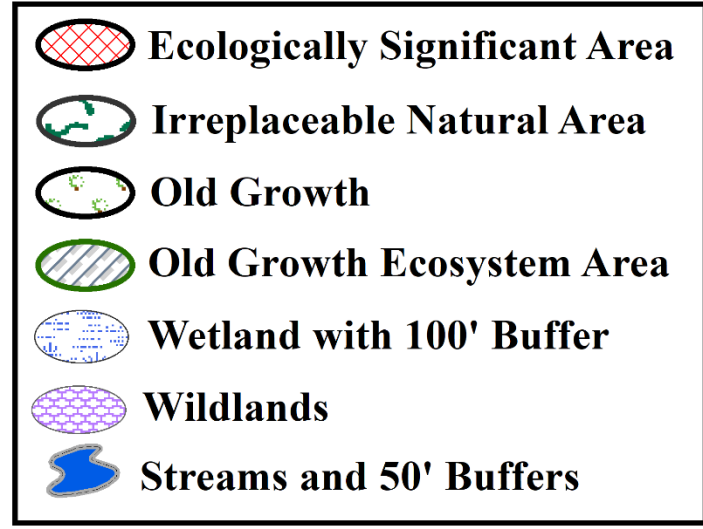
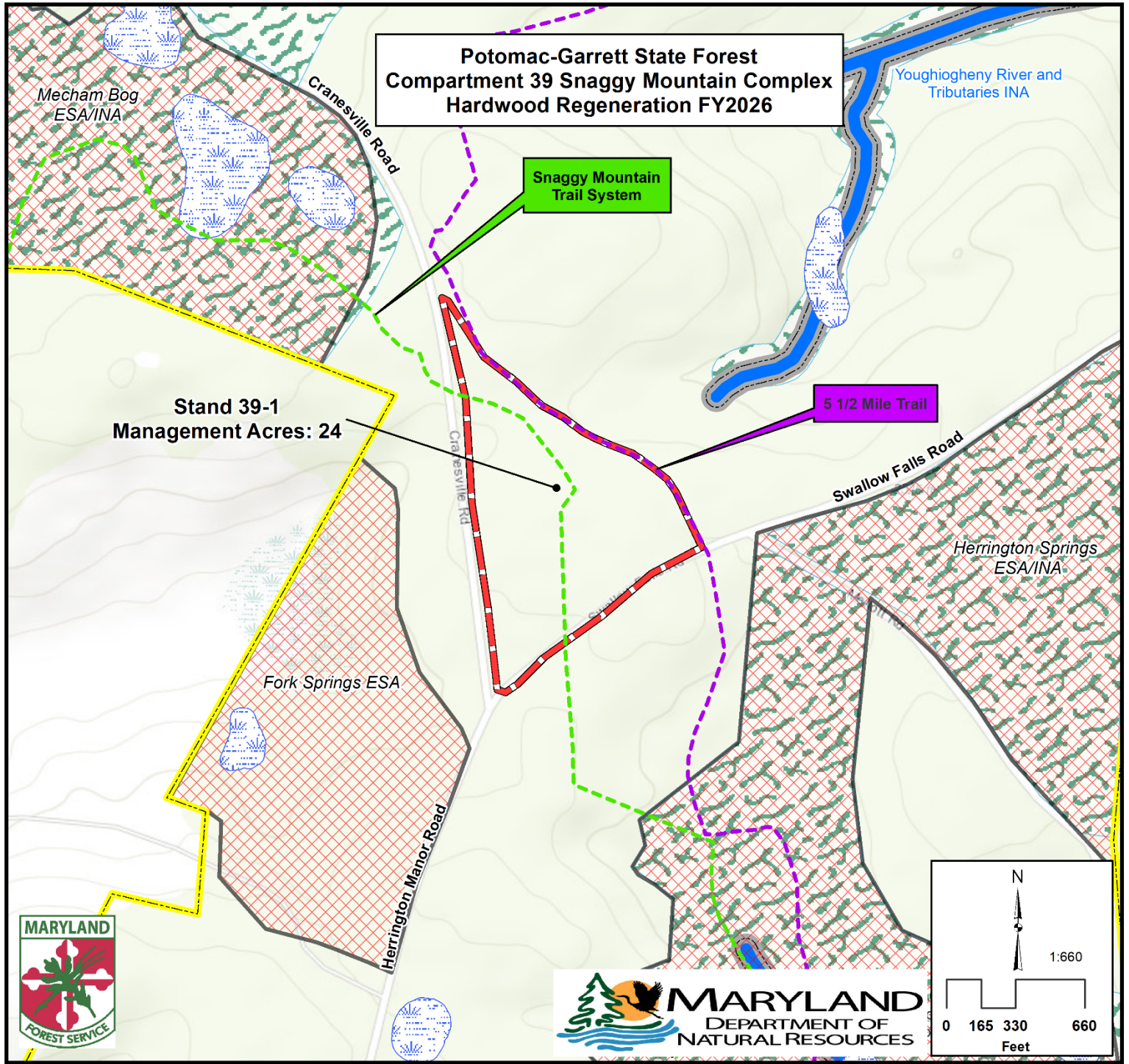
Management and Silvicultural Recommendations

This stand was thinned in 2015, and sufficient desirable regeneration has reached competitive size and can provide a fully stocked future stand. A regeneration harvest will be implemented on the site in order to allow the desirable regeneration to occupy the site and establish the future stand. All trees greater than two inches DBH will be harvested to contribute desirable stump sprout regeneration toward the overall stocking of the new stand. Retention will focus on four to eight dominant or codominant trees per acre selected for mast production/seed sources, particularly white oak, or wildlife habitat elements including cavities, den trees and nesting sites. Harvest stipulations will require that only sawlogs are taken, and high tops/slash are left on site to deter herbivory on developing seedlings and stump sprouts. The eastern hemlock component of the stand will also be retained.



-  **Ecologically Significant Area**
-  **Irreplaceable Natural Area**
-  **Old Growth**
-  **Old Growth Ecosystem Area**
-  **Wetland with 100' Buffer**
-  **Wildlands**
-  **Streams and 50' Buffers**





Description/Resource Impact Assessment

Location: This 17-acre mowing proposal is located on the north side of Maple Glade Road approximately 1.0 mile east of the intersection with Cranesville Road in the Snaggy Mountain Complex.

Forest Community Type and Condition: This management unit is composed of a medium-sawtimber transition stand consisting of white oak (37%), red maple (23%), black cherry (13%), scarlet oak (9%) and northern red oak (5%). The stand is overstocked with a relative density of 105%, an average basal area of 136 ft²/acre and an average merchantable diameter of 14.1”.

Interfering Elements: Overall interfering understory competition was found on 100% of the stand. Tall woody interference occupies the majority of the site, dominated by bent and deformed stems resulting from the weight of snowfall on the crowns. Low woody interference is not a contributing factor to regeneration success. No Non-Native Invasive Species were recorded within the management unit.

Historic Conditions: This stand was thinned in 1981. Neither evidence of fire nor any signs of significant insect infestations were observed during the inventory of the stand.

Rare, Threatened and Endangered Species: No rare, threatened, or endangered species have been identified on the site that would be impacted by the silvicultural prescription.

Habitats and Species of Management Concern: No habitats or species of management concern will be affected by the silvicultural prescription recommended for this stand.

Water Resources: This management unit drains northeast into Muddy Creek, within the Youghiogheny River Watershed. The proposed silvicultural treatments will be outside of all HCVF and stream buffer areas. No heavy equipment will be permitted within the protective riparian buffers of any streams or associated wetlands per the requirements set forth in the State Forest Sustainable Forest Management Plan.

Soil Resources: The harvest site is underlain with soil designated as Brinkerton and Andover very stony silt loams, 3 to 8 percent slopes (BsC). This soil is nearly level to moderately sloping and poorly drained. Equipment limitations are slight to moderate and erosion hazard is moderate on steeper slopes. The site has very good productivity for woodland management, with a site index of 75-85 for upland oaks. The productivity of the site will be protected by minimizing the haul roads and skid trails as per the Department’s Best Management Practices and rutting guidelines.

Recreational Resources: No developed recreational resources are located within this stand. Hunting is the primary recreational pursuit occurring in this area. Recreational opportunities may be disrupted for the duration of the harvest activities and access to the site may be limited or restricted depending on the timing of the mowing project.

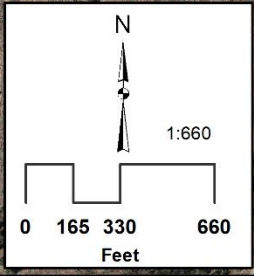
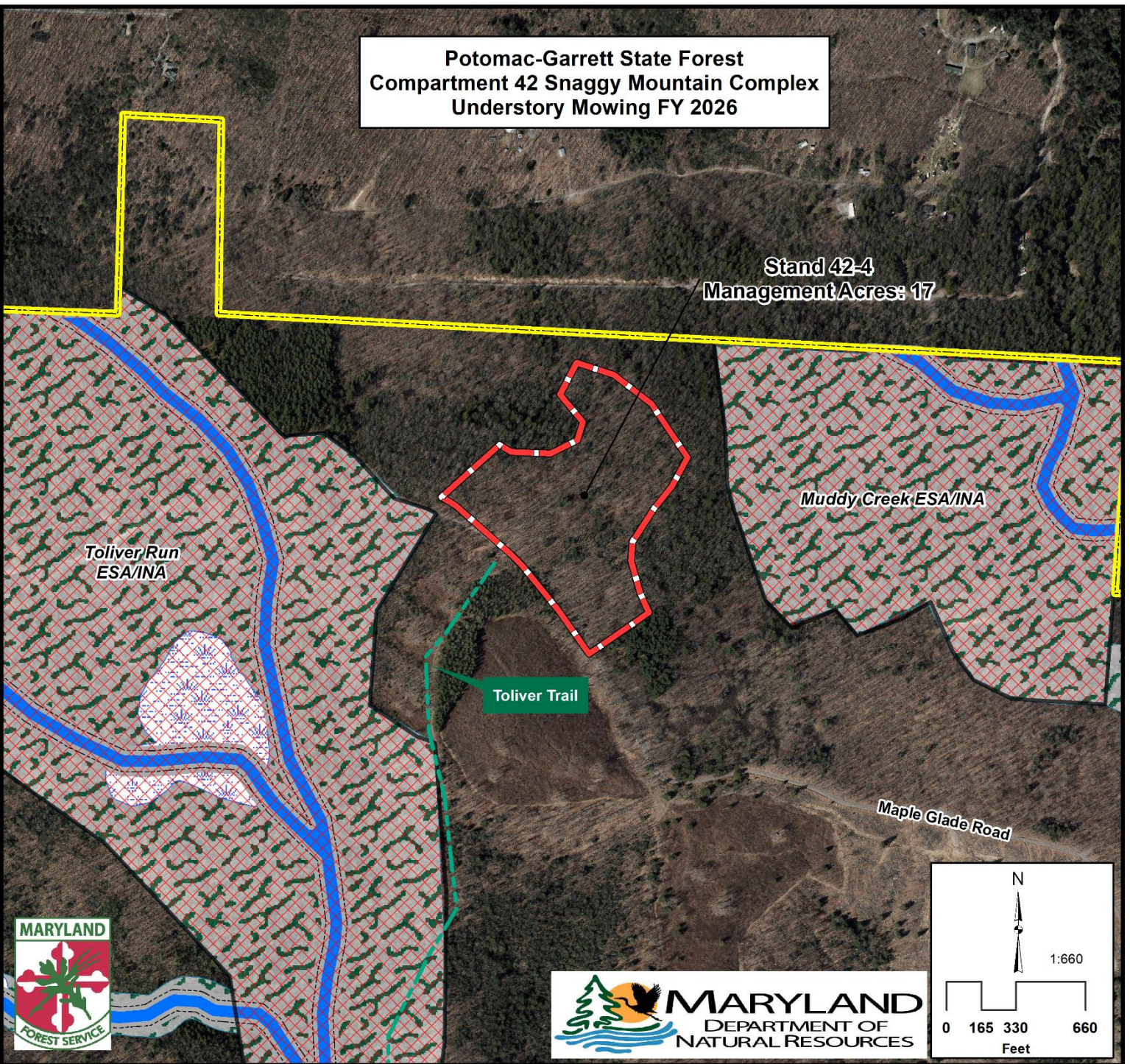
Management and Silvicultural Recommendations








The stand was thinned in 1981, resulting in acceptable regeneration that could have established the future stand. However, in 2012 Hurricane “Super Storm” Sandy beset the area, causing damage to the cohort including breakage of stems and widespread bending of trunks due to the weight of the wet snow on the fully leafed crowns. The majority of the affected trees never recovered from the event, but still persist in the understory as unacceptable growing stock due to their poor form and serve as an impediment to the establishment of future regeneration. As an alternative to utilizing herbicide applications, the interfering vegetation will be mowed with a rotary cutter/mulcher and the site will be monitored for regeneration establishment efficacy using this technique. All conifer saplings will be retained. Once adequate regeneration has been established, a final harvest will be conducted to allow the desirable regeneration to fully occupy the site and provide a fully stocked future stand.

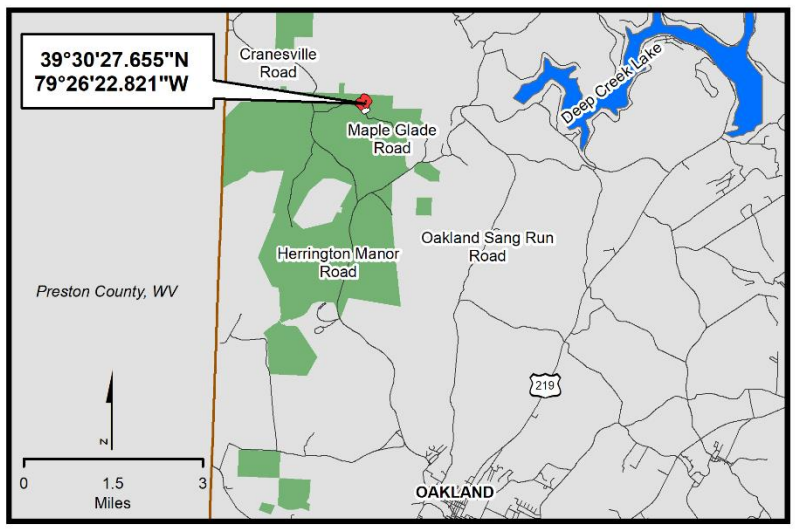
DRAFT

Potomac-Garrett State Forest
 Compartment 42 Snaggy Mountain Complex
 Understory Mowing FY 2026

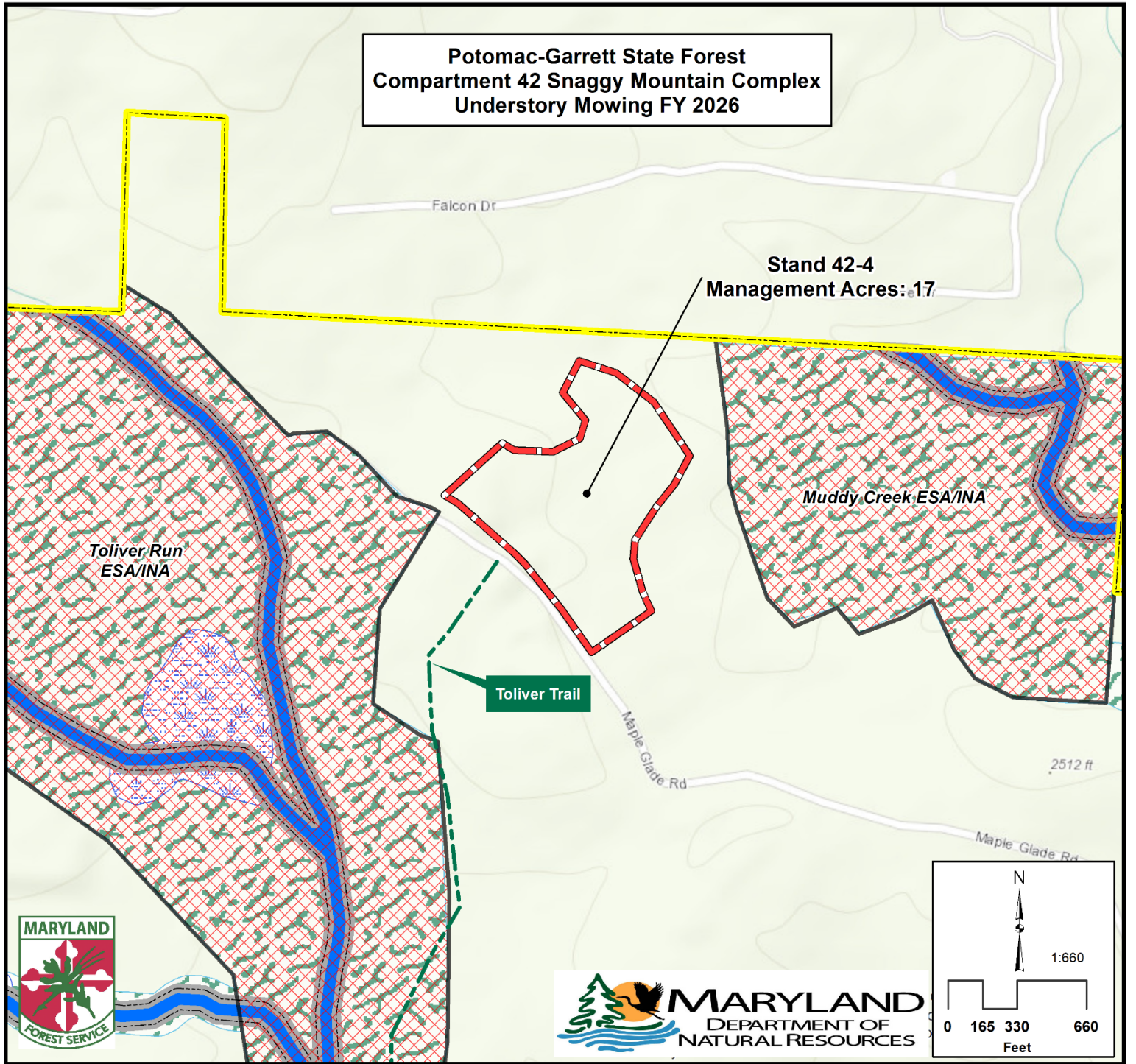
Stand 42-4
 Management/Acres: 17



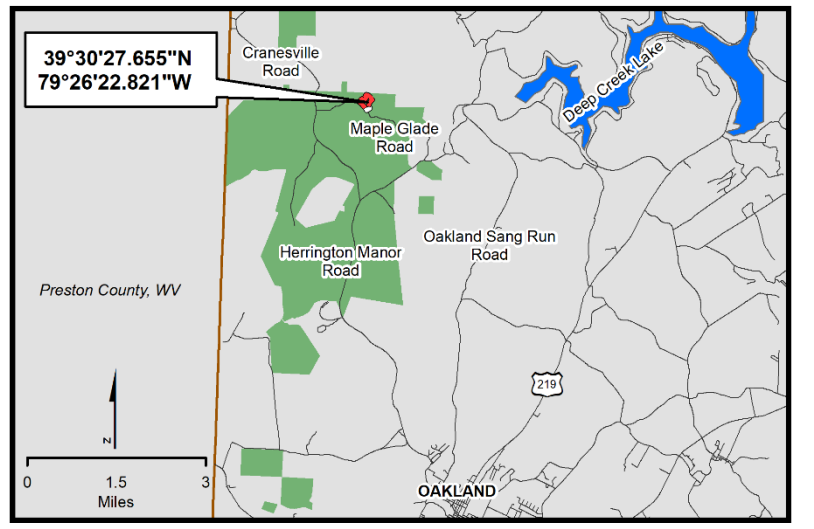
-  Ecologically Significant Area
-  Irreplaceable Natural Area
-  Old Growth
-  Old Growth Ecosystem Area
-  Wetland with 100' Buffer
-  Wildlands
-  Streams and 50' Buffers



Potomac-Garrett State Forest
 Compartment 42 Snaggy Mountain Complex
 Understory Mowing FY 2026



- Ecologically Significant Area
- Irreplaceable Natural Area
- Old Growth
- Old Growth Ecosystem Area
- Wetland with 100' Buffer
- Wildlands
- Streams and 50' Buffers



Description/Resource Impact Assessment

Location: This 32-acre harvest proposal is Located along the Kindness Demonstration Hiking Trail and Disabled Hunter Access Road, approximately 1 mile south of the intersection with Fingerboard Road in the Snaggy Mountain Complex.

Forest Community Type and Condition: This management unit is composed of a medium sawtimber conifer stand is dominated by eastern white pine (79%) intermixed with black cherry (21%). The stand is overstocked at 78% relative density with an average basal area of 149 ft²/acre and an average merchantable diameter of 16". Advanced white pine regeneration is found throughout the stand.

Interfering Elements: Several NNIS species have been identified within the stand, including Japanese barberry and multiflora rose. Specimens outside of the Chisolm Run North ESA/INA have been treated with appropriate herbicide. Wildlife/Heritage input will be sought to determine the preferred method for removing the NNIS species from within the ESA/INA so as not to impact any identified rare species located in the stand.

Historic Conditions: The plantation was established in 1965 by state forest personnel. Early silvicultural work included controlling the intrusion of hardwoods into the stand during the first ten years of development. In 2003, a silvicultural project was implemented to demonstrate multiple management techniques that could be applied to white pine management. The stand was divided into three main units, beginning with the control, where no stand manipulations were conducted. The remaining units were thinned to approximately 100 ft²/acre to demonstrate combined mechanical and random thinning operations with every third row of trees being harvested and the remaining rows thinned of unacceptable growing stock. In addition to being thinned, the third unit was pruned to a height of 16' to allow for development of clear knot free poles, optimizing the potential value of the future saw logs. The thinning operations proved successful, resulting in significant white pine regeneration inhabiting the understory.

Neither evidence of fire nor any signs of significant insect infestations were observed during the inventory of the stand.

Rare, Threatened and Endangered Species: Several RTE species are found within a headwater wetland located in the western section of the Chisolm Run North ESA/INA. A minimum 50' no cut buffer will be placed along the entirety of the riparian area to ensure that the canopy cover is maintained over the wetland and water quality is not affected.

Habitats and Species of Management Concern: The western portion of the Chisolm Run EAS/INA extends into Stand 44-1. The Chisolm Run Swamp natural area is within Garrett State Forest and provides significant habitat for the wetlands and rare species also found on adjacent private lands. At the headwaters of Chisolm Run, located west of Oakland, is a wetland complex that includes forested, shrub and herbaceous wetlands. This wetland is fed by many seeps and a few large springs. The eastern half of the wetlands is mostly willow and alder thickets among

meadow-like openings of grasses and sedges. This area has a diverse flora. The western section is dominated by sedges and St. John's-wort in the meadows, while the shrubs are mostly alders mixed with skunk cabbage, wild raisin, and other plants. Some of the largest seeps are in a black cherry-black birch forested wetland with an understory of skunk cabbage, mannagrass, sedges, arrowwood, and jewelweed.

Water Resources: This management unit drains east into an unnamed tributary of Chisholm Run, within the Youghiogeny River Watershed. The proposed silvicultural treatments will be outside of all HCVF and stream buffer areas. No heavy equipment will be permitted within the protective riparian buffers of any streams or associated wetlands per the requirements set forth in the State Forest Sustainable Forest Management Plan.

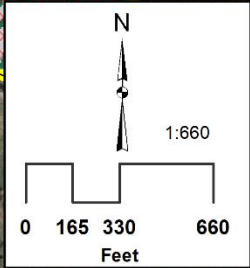
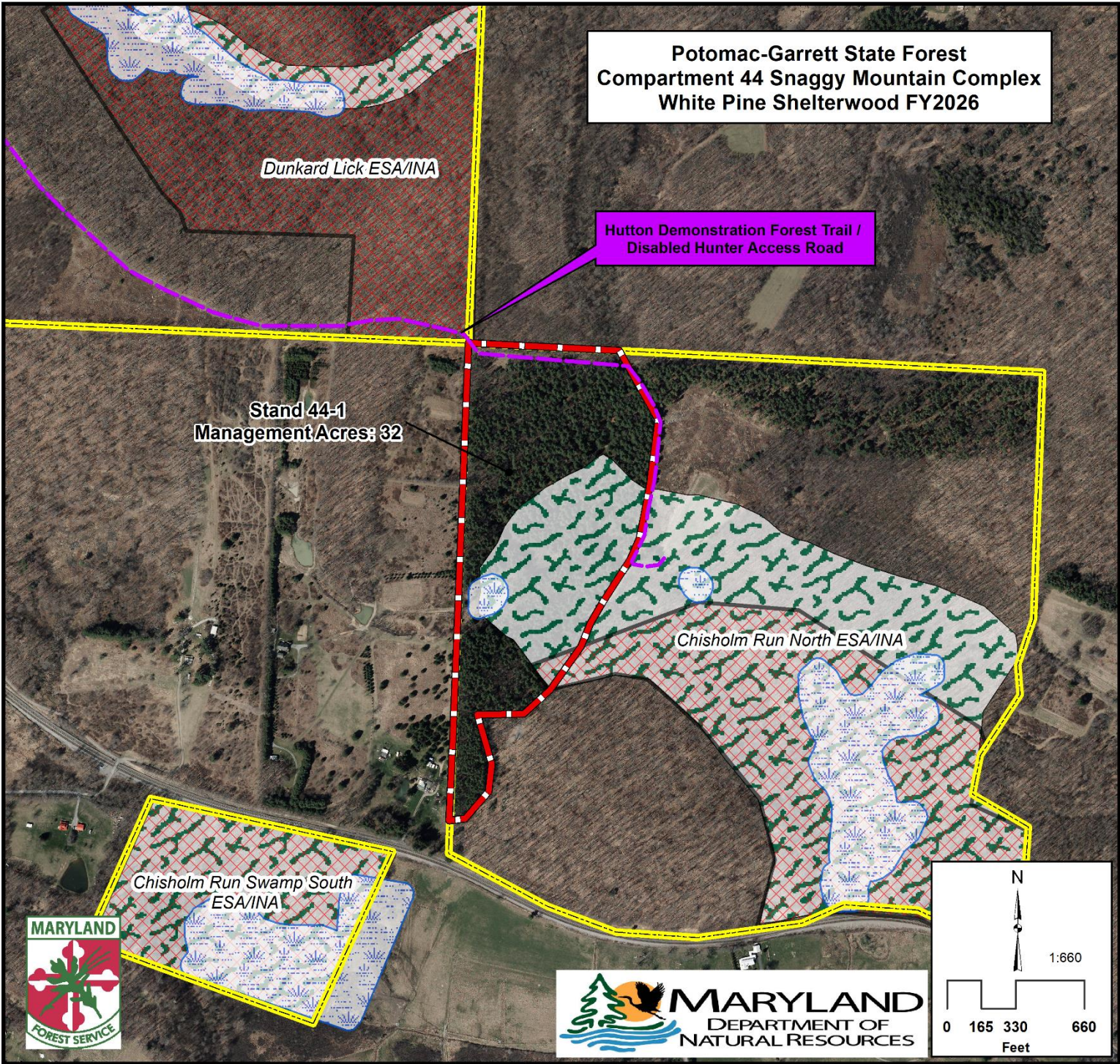
Soil Resources: The predominant soil type is Cookport and Ernest very stony silt loams, 0 to 8% slopes (CuB). These soils are moderately deep and poorly to well drained. Equipment limitations are moderate due to the water table being close to the soil surface in late winter and early spring. The site has very good productivity for woodland management, with a site index of 75-85 for upland oaks. The productivity of the site will be protected by minimizing the haul roads and skid trails as per the Department's Best Management Practices and rutting guidelines.








Recreational Resources: The Kindness Demonstration Trail/Disabled Hunter Access Road is adjacent to the eastern edge of the harvest proposal. Recreational opportunities may be disrupted for the duration of the harvest activities and access to the site may be limited or suspended as the roadway will be used for ingress/egress of logging equipment.

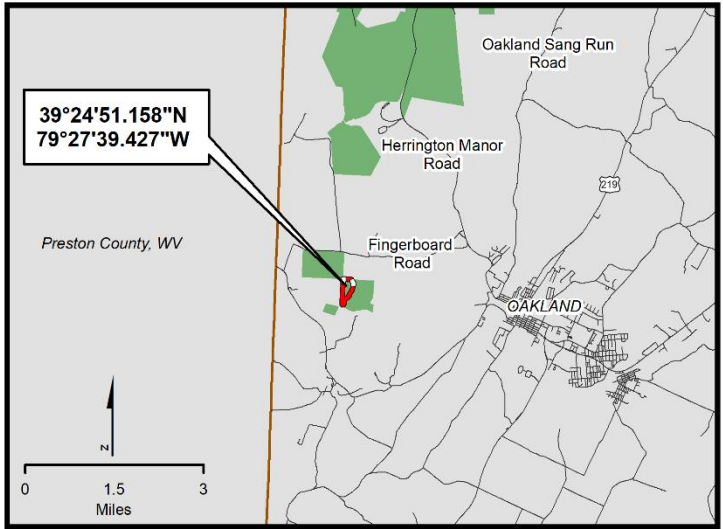
Management and Silvicultural Recommendations

A shelterwood regeneration system is planned for the stand to ensure that the current white pine regeneration fully occupies the site. The overstory will be reduced to approximately 40-60 ft²/acre, allowing sufficient release of the regeneration while limiting the threat of large scale windthrow. Retention within the Chisholm Run North ESA/INA will be maintained at a minimum of 60 ft²/acre, as per Heritage recommendations. The stand will be evaluated for regeneration success to determine if a final harvest will be necessary or if a two-aged conifer stand can be established. The southern end of the stand was left uncut during the first thinning and will remain so to serve as a control for unmanaged conifer stands.

Potomac-Garrett State Forest
 Compartment 44 Snaggy Mountain Complex
 White Pine Shelterwood FY2026



-  **Ecologically Significant Area**
-  **Irreplaceable Natural Area**
-  **Old Growth**
-  **Old Growth Ecosystem Area**
-  **Wetland with 100' Buffer**
-  **Wildlands**
-  **Streams and 50' Buffers**



Potomac-Garrett State Forest
 Compartment 44 Snaggy Mountain Complex
 White Pine Shelterwood FY2026

Dunkard Lick ESA/INA

Hutton Demonstration Forest Trail /
 Disabled Hunter Access Road

2541 ft

2600 ft

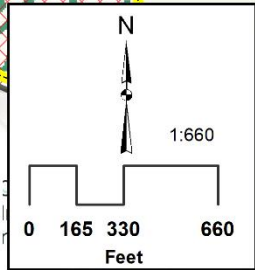
Stand 44-1
 Management Acres: 32

Chisholm Run North ESA/INA

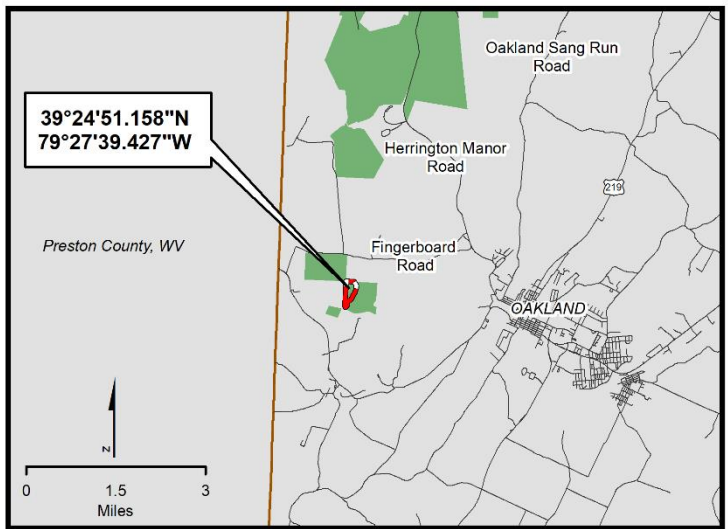
Chisholm Run Swamp South
 ESA/INA

Tannery Rd

Chisholm Run



- Ecologically Significant Area
- Irreplaceable Natural Area
- Old Growth
- Old Growth Ecosystem Area
- Wetland with 100' Buffer
- Wildlands
- Streams and 50' Buffers



XI. Operational Management and Budget Summary

- A. Introduction
- B. Funding Sources
- C. Operational Cost

Operational Management

A. Introduction

This section of the plan is designed to cover the annual cost and revenues associated with the operational management of Potomac-Garrett State Forest. It is the Department's intent that all revenues generated from the forest will be used to pay for the management and operation of the forest. Successful marketing in selling a mix of species and grades of wood products that the market most demands has contributed to substantial revenue generation over the years. The numbers expressed in this section are only estimates and averages of annual expenses and revenues. These numbers will fluctuate each year based on management prescriptions, economic conditions and public use of the forest.

The following information is a breakdown of Revenues and Operational costs associated with Potomac-Garrett State Forest. These figures are only estimates that are based on projected revenues and operational expenses. Yearly changes in timber markets and weather conditions can severely affect revenues. Operational expenses will vary from year to year and the numbers below are based on the budget request submitted for FY-2025. Currently, budget trends remain unchanged, meaning that the appropriation that was available in FY-2025 will be similar for FY-2026.

B. PGSF Funding Sources

State Forests in Maryland are funded from several sources. The first source is the revenue generated by the forests. These funds are deposited in the Department of Natural Resources Forest or Park Reserve Fund and must be appropriated by the General Assembly through the annual budgeting process before being spent. The state forest budget is prepared approximately one year before the beginning of the fiscal year in which it will be spent. The budget then goes through the legislative approval/review process along with all other state operating budgets. Once adopted, the budget goes into effect July 1st, the first day of the fiscal year. Revenue generated by the state forest is designated special fund revenue. There may be special funds provided from the Department of Natural Resources Forest or Park Reserve Fund that are not generated by this forest or there may be a lesser amount of special funds shown in the budget than was generated on this specific forest.

Another source of funding for the state forest is Recreational Trail Grants. These grants are competitive and are generally limited to \$80,000 per year per grant. The source of this funding is the Federal Department of Transportation administered through the Maryland Department of Transportation, State Highway Administration. These funds are designated as reimbursable funds and are applied to various trail related projects as detailed in specific grant requests. Potomac-

Garrett State Forest has secured one Recreational Trail Grant in the amount of \$160,000.00 for the rehabilitation of the Piney Mountain Snowmobile/ORV Trail, which is ongoing.

With the passage of SB 606 in the 2018 Legislative Session, which established an Excise Titling Tax on OHV purchases for the purpose of funding maintenance and construction of ORV Trails on DNR lands, the Department has been receiving monthly deposits of approximately \$40K in funding which must be used for this specific purpose. These funds will be split evenly between the Forest Service and Park Service, amounting to approximately \$20K per month, or \$240K (*projected*) for the current fiscal year.

C. Operational Cost: Estimated Annual Expenses - \$443,501.00

Operational expenses are those costs paid directly out of the Potomac-Garrett State Forest operational budget. The Forest Manager prepares a proposed operational budget for the forest based on instructions provided approximately one year in advance of the fiscal year. The FY-2024 budget proposal was prepared in August of 2022.

- *Classified Salaries, Wages and Benefits: \$311,666.00*

This cost is associated with Special Funds which are state tax revenues provided annually. These funds are used to pay the salaries of the Maryland classified employees responsible for the management, operation and maintenance of the State Forest.

- *Contractual Staffing: \$57,567.00*

This cost is associated with contractual staffing associated with operations of the state forest. Contractual personnel are responsible for conducting work outlined in the Annual Work Plan, managing the daily activities on the forest, including boundary line work, maintenance of trails, forest roads, maintaining primitive campsites, overlooks, wildlife habitat areas and implementing all maintenance, recreational, silvicultural and ecosystem restoration projects.

- *Land Operation Costs: \$74,268.00*

This includes expenses for office and field equipment, vehicles, gates, gravel, signs, boundary paint, roadwork contracts and construction, trash removal from illegal dumping, boundary line work & surveying, tree planting, site preparation, control of invasive species, non-commercial thinning and other forest management practices. These costs vary greatly from year to year based on the activities identified in the Annual Work Plan.

D. Summary

This is the general breakdown on revenues and operational costs associated with the Potomac-Garrett State Forest. As described, these figures will vary from year to year. A more detailed picture on revenues and operational cost will be reviewed quarterly as the actual picture develops within implementation of the Annual Work Plan and as operating budgets are approved.

XII. Appendices

Appendix 1: Potomac-Garrett State Forest 10-Year Timber Harvest Summary Table

<i>Fiscal Year</i>	<i>Planned Harvest</i>	<i>Bd. Ft. Vol. Harvested</i>	<i>Gross value</i>
2015	552,000 BD FT	492,401	\$161,910.00
2016	634,000 BD FT	542,534	\$72,689.77
2017	533,000 BD FT	520,937	\$275,126.44
2018	544,000 BD FT	456,517	\$225,796.59
2019	488,000 BD FT	458,052	\$248,487.50
2020	400,000 BD FT	539,126	\$179,842.36
2021	520,000 BD FT	248,609	\$113,450.00
2022	520,000 BD FT	1,043,111	\$381,620.00
2023	520,000 BD FT	570,428	\$269,680.00
2024	630,000 BD FT	618,176	\$189,732.00

Appendix 2: 2024 Forest Stewardship Council Audit Action Plan

Maryland Department of Natural Resources Forest Service
2024 Audit Summary



Date of Field Evaluation: April 9-11, 2024

Locations: Chesapeake Forest Lands and Pocomoke State Forest
Certificate Renewal Audit

Audit Team: Jim Colla (lead auditor), Sarah Bros and Raymond Lamberton

Forest Stewardship Council Overview of Audit Findings:

A minor nonconformance was issued for herbicide usage without having a completed Environmental and Social Risk Assessment (ESRA) for the chemical Imazomox, an unrestricted selective herbicide used to control weeds and grass in clover plantings:

*Before applying any chemical pesticide, incorporate the results of their ESRA to site operational plans, to identify site-specific risks and adapt the generic mitigation and monitoring measures previously identified in the IPM ESRA.
(Clause 4.12.2).*

Appendix 3: 2024 Sustainable Forestry Initiative Audit Action Plan

Maryland Department of Natural Resources Forest Service 2024 Audit Summary



Date of Field Evaluation: April 9-11, 2024.

Locations: Chesapeake Forest Lands and Pocomoke State Forest
Certificate Renewal Audit

Audit Team: Jim Colla (lead auditor), Sarah Bros and Raymond Lamberton

Sustainable Forestry Initiative Overview of Audit Findings:

An Observation for Improvement was issued for wood utilization resulting from an “excessive” amount of pulpwood, estimated at four or five loads, that was left on a log landing of an ongoing regeneration harvest:

Program or monitoring system to ensure efficient utilization, which may include provisions to ensure:

a) management of harvest residue (such as slash, limbs, tops) considers economic, social and environmental factors (such as organic and nutrient value to future forests and the potential of increased fuel build-up) and other utilization needs.

Appendix 4: Interdisciplinary Team Review and Comments

Maryland Department of Natural Resources - State Forests



Potomac-Garrett State Forest
FY-26 Annual Work Plan ID Team Review

ID Team Members: Scott Campbell (PGSF), Noah Rawe (PGSF), Jason Savage (PGSF), Rick Latshaw (Wildlife), Kenny Wampler (Fisheries), Donnie Oates (MPS), George Eberling (MFS), Michael Friend (NRP), Rob Feldt (MFS), Leonard Cage (MDE), Megan Zagorski (Heritage), Jennifer Saville (Heritage).

Overview / Discussion of FY 2026 Work Plan:

Members were provided electronic copies of the FY-26 Annual Work Plan proposals prior to the review, and the following comments were submitted. An in-person review was conducted on September 4, 2024, attended by Heritage Service Personnel.

Fisheries Service: I am writing in regard to the scheduled workplan review meeting scheduled for next Wednesday on the 4th and that I will not be attending. That being said, after reviewing the plan, I have no concerns or special requests that might alter one of the proposed silviculture practices set to take place in your proposals. Please do keep me in the loop of anything that might transpire from the meeting and feel free to contact me if there are any special requests from any ID team member that I can assist in providing information. -Kenny

Wildlife Service: I support your proposals. My only comment is on number 3, the compartment 39 regen harvest. It looks like there is lots of white oak, which I understand is valuable these days. I'd just suggest that a scattering of them be retained, sort of like a gold winged warbler cut. – Thanks, Rick.

Natural Resources Police: I have reviewed the proposals and do not have any concerns from the NRP perspective. Thank you for the opportunity to comment. -Mike

Heritage Service: Jenny and I reviewed the proposed FY26 PGSF Annual Work Plan and have a few recommendations below. In general, we ask that invasive species control BMPs be used, including pre- and post-treatment and washing equipment before entering the site.

1. Compartment 17 Stands 6 and 8
We have no concerns regarding this proposal.

2. Compartment 39 Stand 1
We have acoustic records indicating that rare bats are present using this area and ask that any tree felling be limited to the period between September 1 and May 14 to avoid disturbance.

3. Compartment 42 Stand 4

We observed scattered white pine regeneration and hemlocks in this stand. We ask that you avoid mowing these saplings.

4. Compartment 44 Stand 1

We recommend that the 50' buffer to the wetland on the western edge of the proposed cut be extended to include the headwaters that are visible as the open area in the aerial imagery. This area had clear differences in vegetation and soil and was characterized by dense alders or ferns and sphagnum moss. We also recommend maintaining 60 ft² basal area or greater within the INA boundary as this is within the drainage basin for the Chisolm Run North wetland on the eastern half of the parcel. Several RTE species have been documented in this wetland. It is important to maintain the canopy cover and upstream water quality for the persistence of these species and their habitat.

We appreciate your willingness to remove NNIS and sensitivity to the State Endangered plant occurrence. Multiflora rose in particular can directly impact this species. Unfortunately, this plant is easiest to find when it flowers May-July, thus we were not able to locate the exact site. NHP staff would be willing to revisit the site and flag the occurrence at a more suitable time of year. For the multiflora rose, we recommend cutting the stems at the base, burning the stems, and treating any resprouts with herbicide. For the barberry, we recommend digging the plants and using herbicide on any resprouts generated by the remaining roots.

5. Compartment 45 West Piney Mountain ESA/INA

We appreciate your willingness and interest in protecting and rejuvenating the balsam fir and red spruce in this area. We support using deer fencing and supplemental planting of red spruce and encourage monitoring this site for regeneration. During our site visit, we also noted several small firs in the dense rhododendron growth. While the rhododendron is protecting them from deer browsing, it is also limiting the amount of light these individuals receive.

Thank you for the opportunity to review the proposals.

Appendix 5: Citizens Advisory Committee Review and Comments

Potomac-Garrett State Forest Citizens Advisory Committee AWP FY-26 Review

The Citizens Advisory Committee members were provided with physical copies of the Draft FY-26 Annual Work Plan for review and comment prior to the meeting.



Attendees:

Scott Campbell, Noah Rawe, Carl Lee, Sull McCartney, Michael Kozier and Michael Logsdon.

Committee members were welcomed to the Potomac-Garrett State Forest at 11:00 am on Wednesday, December 11, 2024. A myriad of topics were discussed, including:

- There were no issues with the proposed silvicultural activities.
- Members complimented the forest staff for the exemplary maintenance of the roads and trails infrastructure, even in the face of limited staffing. The consensus was that development of trails was not necessary and efforts should be focused on maintaining and repairing the trails/roads that we have currently.
- A question was posed regarding the availability of our brochures and maps to be downloaded from the state forest website. This is a great idea that will be investigated further.
- Revisited the Lostland Run Road and Laurel Run Road closures. Members reported that they had been approached with questions regarding when the roadways would be reopened and were embarrassed to say that they had no idea.
- Committee members agreed that a letter should be drafted and sent to the DNR Secretary to address these ongoing access issues. Mr. McCartney was nominated to compose the letter.
- Members agreed that the Disabled Hunter hunting shelters provided a great opportunity for our stakeholders and supported the construction of additional stands.
- Inquiries were made regarding the northern long-eared bat and its impact on harvesting in Compartment 39.
- Members were supportive of the efforts to maintain/enhance the red spruce and balsam fir stands located on Piney Mountain.
- Members noted that the implementation of the no-cut riparian buffers was proving extremely beneficial to the native brook trout populations, especially during the past summer with the onset of drought conditions.
- Rutting guidelines and Best Management Practices for timber harvesting were discussed.
- Forest Service employees were asked to keep an eye out for flowering American chestnut trees so that the pollen could be collected for the ongoing efforts to restore the species.

The members were thanked for their ongoing commitment to the sustainable management of Potomac-Garrett State Forest and the meeting was adjourned at 12:35 pm.

XIII. Literature Cited

- Kuhn, Craig. 2024. *Emerald Ash Borer (EAB) Management – Multiple State Lands*. Research Proposal, Project Number: 2024DNR033. Maryland Department of Agriculture. Annapolis, MD.
- Kuhn, Craig. 2024. *Hemlock Woolly Adelgid Treatment and Suppression Plan – Multiple State Lands*. Research Proposal, Project Number: 2024DNR042. Maryland Department of Agriculture. Annapolis, MD.
- Maryland Diversity Project Website. 2024. Balsam Fir *Abies balsamea* (Linnaeus) P. Miller. Available at: <https://www.marylandbiodiversity.com/species/322>
- Schwarz, Kurt. 2022. Comments on 2023 Draft Work Plans for Maryland’s Four State Forests. Maryland Ornithological Society, Columbia, MD.
- Uchytel, Ronald J. 1991. *Abies balsamea*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory
Available at: <https://www.fs.usda.gov/database/feis/plants/tree/abibal/all.html>