John W. Chase Memorial Forest, Forest Management Plan



Joseph Sweeney 7/10/2018

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Introduction

Forest Management is a comprehensive science that allows for the maintenance of ecosystem health and the sustainable growth and harvest of forest products. Otsego County is dedicated to applying the principles of Silviculture to balance timber harvesting and forest growth to ensure the future of our forests. Otsego County forests are a public resource that are managed for timber production, outdoor recreation, wildlife, and natural resource conservation. By taking this multipurpose management approach we will be able to benefit the natural resources on county land and give residents the opportunity to enjoy their public land.

Managing Forester Biography:

Joseph Sweeney was hired by Otsego County as a Forester in 2018 to manage County forest property. Mr. Sweeney graduated from SUNY Environmental Science and Forestry Ranger School in 2015 with an Associate's degree in Forest Technology. In 2017 Mr. Sweeney graduated from SUNY Environmental Science and Forestry with a Bachelors degree in Natural Resources Management. As a steward of the environment he is dedicated to responsible forest management for Otsego County.

Property Uniqueness:

John W. Chase Forest is located at the convergence of the towns of Westford, Middlefield, and Roseboom at the intersection of Middlefield road, Pearsall road, and Van Cleef road (**See Figure 1**). This forest is comprised of 459 acres of mixed hardwood and softwood stands, wetlands, and streams. The property features an array of softwood plantations of stratified species and age classes, young hardwood stands that are reforesting clear cut areas, and a flooded timber swamp with a camping lean to on its shore.



Figure 1. John W. Chase Memorial Forest Location map

Desired Future Conditions:

The desired future condition of this property focuses on a growing and reproducing forest with limited amounts of invasive species. This will allow for sustainable timber harvesting for years to come. It is our mission to cultivate and advance forest growth through firewood thinning, timber stand improvement and timber harvesting on this property while maintaining stream channels and water quality for ecosystem health. All existing trails will be kept clear of debris and hazard trees. Newly constructed trails will be mapped and maps will be shown at trail entrances.

Goals and Objectives:

Goal # 1: Forest Inventory

Complete a comprehensive inventory of standing timber for all 66 forested stands. This inventory will be completed in 2018 and re-inventoried every 7 years to measure the growth progress of each forest stand, and determine its stage of growth, and ability to harvest.

Goal #2: Timber Harvesting

Improve timber stands by conducting firewood thinning and saw-timber harvests. Mature softwood stands will be harvested and replanted as softwood seedling plantations or converted to hardwood stands. Mature hardwood stands will be thinned for timber procurement and stand improvement. Immature hardwood stands will be thinned for firewood procurement and stand improvement. Immature softwood stands will be left to grow and improve in quality until they are ready to be thinned.

Goal #3: Trail Creation and Maintenance

Trails on this property fall into two categories; skid trails, and snow mobile trails. It is our hope that with the help of the Milford Snow Trekkers snowmobile club, we can maintain the system of snowmobile trails that already exist. There are abundant skid trails throughout this property that hold potential for hiking and mountain biking. There are some skid trails that were never cleaned up after timber harvesting. This resulted in deep ruts that hold water and make the trails unusable for hikers and mountain bikers. Where possible we would like to level these skid trails off to be used in future timber sales and for recreation in between timber sales.

Goal # 4: Lean-to Improvement

The existing Lean-to is in poor condition and does not get frequent use because of this. It is our goal to replace this plywood walled Lean to with a structurally sound Adirondack style lean to with a trail leading to it. With the help from volunteers this Lean-to will be constructed from materials on site. It is our hope that a new Lean to will draw more recreational hikers and campers to use this property by providing a scenic and easy to reach destination. The location provides a conveniently located wilderness setting where recreationalists can go to find solitude.

Planning and Methods

Inventory Planning:

Forest Inventory has been conducted for every forested stand on the property. Stands are delineated out of the forest based on species composition, basal area, and forest cover type. Each forest stand will have its own stand description, data table and treatment prescription. **See Figure 2**, on page **8** for stands map. This complete inventory will be finished in 2018. Re inventory of these same stands will be conducted every seven years for the continuation of the forestry program.



Forest Stand Identification Map

Figure 2. Stand Identification map on John W. Chase Memorial Forest

Inventory Methods:

Each stand will be inventoried by using variable plot radius data points with a 10 Basal Area Factor (**BAF**) angle gauge. Trees that fall into each data plot will be measured for Diameter at Breast Height (**DBH**) with a Biltmore stick and their height will be determined by the use of a clinometer. Species of every tree in the data plot will also be recorded. Recorded data will be averaged throughout the stand to determine the stand's basal area, trees per acre, species composition and overall health. Each stand will have a different number of data plots based on their area measured in acres. The chart used to determine the number of data plots for each stand can be seen in **Table 1**.

Acres	# of Plots
0-4	3
5-7	4
7-10	5
10-15	7
15-25	10
26-39	14
40+	15

Table 1: Ratio chart of plots: acres in a stand.

Plot locations on each forest stand can be seen in Figure 3.



Data Plot Location Map

Figure 3: Data plot location on John W. Chase Memorial Forest

Treatment Planning

Stand treatments will be determined by the most recent inventory of the stand. Cutting rotations will be in 15 year intervals based on re-inventory taking place every seven years. Stands will be cut for the purpose of timber procurement, forest health improvement, and timber quality improvement. Before any timber harvest takes place an analysis of stand health, level of regeneration and ground quality will be conducted.

Treatment Methods:

Forest stand treatment will be determined by inventory data and stand analysis conducted by the forester. To sustainably harvest timber and keep the forest growing, no hardwood harvests will reduce a stand more than 35% of its basal area according to its most recent inventory until stand conversion harvest. Softwood stands will be reduced up to 50 % based on the most recent inventory and level of stand regeneration until stand conversion.

Current Conditions and Management

Forest Stand Conditions

Stand 1: Description

Stand One is a 0.9 acre, even aged white pine plantation. There is a variable DBH of the white pine growing in the over story but most of the trees are mature for the site they are growing on. The understory of this stand consists of pioneer hardwoods, American beech and striped maple. American beech and striped maple are considered interfering vegetation that take up growing space on the forest floor and prevent desirable timber species from growing. With a BA of 176 sqft/ ac and a TPA of 184 this stand is fully stocked. The soil on this site is well drained and drains into a drainage ditch on the side of Middlefield road. The stand is adjacent to a privately owned property.

Stand 1: Prescription

This stand can be thinned to a basal area of 125 sqft/ac. This thinning would encourage secondary growth to the White Pine and primary growth to the hardwoods in the understory. Due to this stand's small acreage and low wood value it should only be thinned in conjunction with another stand to ensure its sale.

Stand 2: Description

Stand Two is a 5.7 acre pioneer hardwood, seedling / sapling stand. This stand was previously a red pine stand that was clear-cut when it was harvested. During the harvest the hardwoods that existed within the stand were left standing. These residual white ash and red maple trees remain sparsely scattered throughout the stand. The pioneer hardwoods that have seeded in and grown an average of 3 inches in diameter and 15-20 ft high. The species composition of the pioneer hardwoods includes white ash, red maple, black birch, and American beech. Soil conditions on this site are well drained and the stand is located adjacently south of Stand 1 on Middlefield road.

Stand 2: Prescription

The stems growing in this stand are in the stem exclusion growth stage, and will naturally thin themselves. Over time competition between the individual stems will cause the opening of growing space and the increased growth of the surviving trees. This stand needs to be left to grow. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated. It is our hope after seven years of growth the stand will be ready to thin and selectively cull undesirable species.

No Stand Summary Tables are provided for Seedling/Sapling stands

Stand 3: Description

Stand Three is a 2.8 acre mixed wood, seedling/ sapling stand. This stand is the result of a Norway spruce clear-cut. After the removal of the Norway spruce there were no trees to uptake water that drained into the stand. As a result of the low laying topography of the stand and the lack of trees this stand has very poorly drained soils. The species composition that grew in after the clear cut consists of aspen, various dogwood species, wetland grasses and Norway spruce seedling that seeded in from the neighboring stand. The raised areas of the stand have some pioneer hardwoods.

Stand 3: Prescription

This stand needs to be left to grow in so root systems can uptake water from the saturated soils. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated. It is our hope after seven years of growth the stand will be in the stem exclusion stage creating competition between the individual stems that will cause the opening of growing space and the increased growth of the surviving trees.

Stand 4: Description

Stand Four is a 1.8 acre even aged, mixed hardwood stand. This small stand of hardwoods is located adjacent to the clear cut areas in stand 3 and stand 5. It has a BA of 25 sqft/ac, and a TPA of 23.3, making this stand under stocked. The reason that this stand is under stocked is that it was harvested for saw timber sized White ash and Norway spruce during the harvest. The resulting stand is the residual small hardwoods that are left in the over story and the aspen seedlings and vegetative growth that makes up the understory. The soil conditions in on this site are poorly drained and there are large ruts from the previous harvest that hold water. The wet soils and low laying topography of this stand results in poor stand regeneration of the white ash and black cherry but is conducive to the growth of aspens.

Stand 4: Prescription

Due to this stand's soil quality and it's under stocked tree population, no thinning or harvests should take place in the next cutting cycle. The hardwoods that are there are helping to seed in stands three and five and they are also serving as a visual buffer from Pearsall road to the clear cut. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated. It is our hope after seven years of growth the stand will be ready to thin and selectively cull undesirable species if the soil conditions improve.

Stand Summary Table found on Page 91 of the appendix

Stand 5: Prescription

Stand Five is a 4.6 acre wetland area that lays in one of the lowest elevations on this forest property. This is located at the low point between Pearsall road and Middlefield road. A small stream runs horizontally across the stand and collects the drainage from the whole area between the two roads. The soils on both sides of the stream are poorly drained and ideal for wetland vegetation. The species that have grown into this stand are various dogwood species, and speckled alders.

Stand 5: Prescription

This stand has value as a wildlife stand providing habitat for wetland birds and small mammals. The wetland vegetation that surrounds the small stream serves as a filter to protect water quality. This stand will be placed in a protection class to help preserve it's ecological value. As a protected stand, no skid trails or recreational trails will be constructed within the boundaries of the wetland area.

Stand 6: Prescription

Stand Six is a 0.8 acre mixed wood stand. This stand is the result of a red pine over story removal harvest. The existing stand is the residual hardwoods from the timber harvest. With a BA of 20 sqft/ac and a TPA of 48 this stand is significantly under stocked. There is a higher TPA for this small stand due to the amount of immature red pine and firewood sized hardwoods. Just past the point of being a seedling/ sapling stand the trees here are not at a harvestable size. The over story of this stand consists of young red pine and white ash with vegetation and Norway spruce seedlings in the sparse understory. Soil conditions on this site are moderately well drained and should sustain the growth of hardwoods and the continued growth of red pine.

Stand 6: Prescription

Due to the size and growth stage of the timber in this stand, there should be no harvesting in this cutting cycle. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated. It is our hope after seven years of growth the stand will be well into the stem exclusion stage creating competition between the individual stems that will cause the opening of growing space and the increased growth of the surviving trees. At this point decisions can be made on whether this stand would benefit from a firewood thinning or a red pine removal to convert the stand to a hardwood stand.

Stand 7: Description

Stand Seven is a 2.3 acre Softwood stand. The majority of this stand is saw timber sized white pine in the dominant crown class. There are scattered hardwoods throughout the stand that make up a co dominant crown canopy. The species composition in the co dominant canopy is white ash, and aspen. With a BA of 190 sqft/ac and a TRA of 265 this stand is overstocked. While the white pine is not reproducing in the understory there are mixed hardwoods growing in the understory. Soil conditions on this site are moderately well drained on the North end of the stand sloping off into somewhat poorly drained in the Southern end of the stand.

Stand 7 Prescription

This stand can be thinned to a basal area of 125 sqft/ac. This thinning would encourage secondary growth to the white pine and primary growth to the hardwoods in the understory. Due to this stand's small acreage and low wood value it should be thinned in conjunction with stand one and or any other softwood sale on the property to ensure its sale. The landing area provided in stand nine would be used if this stand were thinned.

Stand 8: Description

Stand Eight is a 2.4 acre wetland located in a low laying area that collects drainage from the surrounding softwood stands. Water collects in the center of this stand creating pooled water in some areas. Due to the very poorly drained soils there is very few trees within the stand. Some Norway spruce seedlings have seeded into the drier areas but the majority of the vegetative growth in this stand is wetland grasses, dogwoods, and speckled alders.

Stand 8: Prescription

This stand has value as a wildlife stand providing habitat for wetland birds and small mammals. The wetland vegetation that surrounds the small stream serves as a filter to protect water quality. This stand will be placed in a protection class to help preserve it's ecological value. As a protected stand, no skid trails or recreational trails will be constructed within the boundaries of the wetland area.

Stand 9: Description

Stand Nine is a 3.1 acre clear cut that has grown in with brush and scattered young white ash, aspen, and Norway spruce seedlings. There are not enough seedlings in this stand to consider it a seedling sapling stand because there is not enough competition for this stand to grow. This site was used as a landing area for the timber harvest and it was never smoothed over after being used so there are many deep ruts in the ground that hold water. The soil conditions on this site are moderately well drained except for the areas that have pooled water in ruts.

Stand 9: Prescription

This is a stand area that should be redone if funding is available. The rutted ground is not suitable for healthy forest growth and the growth that is established there now does not look to have future value. In this stand the small trees should be cut and sold as firewood, the brush should be mowed down and the area should be leveled off with a bulldozer before being replanted. The soil on this site would be conducive to planting plantation species such as Norway spruce, European larch, or red pine. The basal area in this stand was too low to calculate so there is no summary sheet provided for this stand.

Stand 10: Description

Stand ten is an 11.7 acre multi stratified mixed wood stand with multiple crown classes. This stand has been harvested for softwoods. The residual trees from this harvest are oriented as scattered white pine in the dominant crown class that are much larger than the rest of the stand. The intermediate crown class is small firewood sized hardwoods. There is also a very thick vegetative layer of black berries that have grown in the absence of an over story's shade. The species composition of the hardwoods consists of sugar maple, red maple, white ash, and Northern red oak. With a BA of 55 sqft/ac and a TPA of 187, this stand is a young forest with mature white pine reaching up out of the immature hardwoods. Soil conditions on this site are moderately well drained on the Southern end of the stand, sloping off into somewhat poorly drained soil at the Northern end of the stand.

Stand 10: Prescription

The majority of this stand needs time to grow to establish competition to the point where the individual stems will cause the opening of growing space and the increased growth of the surviving trees. Re-inventory will be conducted on this stand in 2025 and the hardwood timber will be evaluated. If there is a softwood sale that includes white pine in an adjacent area, the white pine in this stand should be sold in conjunction with the softwood sale.

Stand 11: Description

Stand Eleven is a 1.1 acre even aged, mixed softwood stand comprised of mature white pine and European larch. The softwoods in the dominant crown class make up the majority of the volume in the stand. Advanced red maple, and sugar maple regeneration has grown in the understory of this stand. Interfering vegetation in this stand includes large striped maple and scattered American beech. With a BA of 123 sqft/ac and a TPA of 128 This stand is fully stocked but still growing nicely. The well drained soils on this site allow the softwoods to grow deep root systems and have been in healthy competition to grow quality saw timber.

Stand 11: Prescription

This stand is overstocked but not to the point where it is inhibiting growth. Harvesting in this stand is possible if in conjunction with another softwood sale. Although it is even aged, there is a separation in the diameter classes of the white pine. The mature white pine that can be harvested are near 18-20 inches DBH and there are White pine that can and should be left that are 12-14 in DBH. The scattered European larch in this stand can also be harvested with a softwood sale. Removing the dominant crown class of hardwoods will leave a residual uneven aged mixed wood stand, with younger white pine in the over story and mixed hardwoods in the understory.

Stand 12: Description

Stand Twelve is an 8.1 acre even aged hardwood stand. The over story of this stand is comprised of sugar maple, red maple, white ash, and black cherry. The understory of this stand has some maple regeneration but is mostly growing American beech which is considered interfering vegetation. With a BA of 110 and a TPA of 227 sqft/ac this stand is over stocked. Soil conditions in this stand are moderately well drained. Skid trails exist throughout the stand from previous harvests or thinning.

Stand 12: Prescription

Due to the overstocked level of tree growth in this stand, a thinning should take place to improve the quality of saw timber hardwoods throughout the stand. This thinning should be to remove firewood quality trees, and lower quality saw timber trees to lower the stand to a BA of 80 sqft/ac. This will open growing space in the stand. The new growing space should allow the quality saw timber trees to reproduce and put on secondary growth. It is our hope that after a firewood thinning this stand will generate a hardwood understory so the stand can be converted into an uneven aged hardwood stand. There should be **NO** American beech cut during this firewood thinning.

Stand 13: Description

Stand Thirteen is a 5.5 acre mixed softwood stand that runs along Middlefield road. The south side of the stand has not been harvested but the northern part of the stand was part of a softwood harvest. The residual that was left as a roadside buffer still exists as part of the stand. With a BA of 200 sqft/ac and a TPA of 201 this stand is fully stocked. The soils on this site change from moderately well drained in the south end of the stand to poorly drained at the Northern end where a stream starts to run into the stand. The understory of this stand consists of pioneer hardwoods and interfering vegetation including American beech and striped maple.

Stand: 13 Prescription

The timber here is mature and healthy although it is not reproducing. This stand is too narrow to do a thinning harvest in most places. Thinning would cause the residual to blow down into the road. The stand should serve as a visual barrier to the timber harvests that have taken place in between Pearsall road and Middlefield road. In the event that this stand's health starts to decline or the wind starts blowing down trees this stand should be harvested as a clear cut and replanted with Norway spruce or red pine as they have both grown well on this site.

Stand 14: Description

Stand Fourteen is a 24.2 acre recovering clear cut area. Previously harvested for softwood saw timber. Before harvesting, the stand was separated into planted red pine and Norway spruce stands with naturally occurring white pine growing across both stands. After the stand was clear cut it was planted with Norway spruce, and it has also seeded in with Norway spruce that was left along the edges of Pearsall road and Van Cleef road. Currently the stand is an advanced seedling/ sapling stand comprised of mostly Norway spruce seedlings 10-15 ft high and on average 3-4 inches DBH. The BA of this stand was calculated to be 44 sqft/ac but this figure represents the residual mature trees that run along the roadway along with the scattered mature white pine in the stand. It will remain classified as a seedling sapling stand because the vast majority of the stand is made up of seedling / sapling softwoods. Soil conditions in this stand are moderately well drained except for the large ruts from the previous harvests that retain and pool water.

Stand 14: Prescription

This stand should be left to grow as a Norway Spruce Plantation. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated. At that point it will be determined if this stand should be pruned to advance growth of the plantation. Harvesting of the roadside mature softwoods is an option at any point in time. They are mature saw timber trees that have already helped in seeding in the clear cut.

Stand Summary Table found on Page 98 of the appendix

Stand 15: Description

Stand Fifteen is a 4.8 acre mixed wood stand comprised of white pine, and white ash. The When looking at this stand it appears to be a white pine plantation as the white pine is the predominant species in the over story of the stand. White ash is the species in the co dominant crown class varying in size and quality. Skid trails exist throughout the stand and soil conditions on this site range from moderately well drained to somewhat poorly drained. With a BA of 162.5 sqft/ac and a TPA of 222 this stand is fully stocked.

Stand: 15 Prescription

This stand should remain as a white pine stand. The mature white pine are in good health and still growing well in competition with each other. The hardwoods in this stand are suppressed by the white pine over story. The saw timber sized white ash should be harvested as they are declining in health. Removing the saw timber sized white ash will open up growing space under the white pine which will encourage the white pine to reproduce and increase in secondary growth. Removing the saw timber sized white ash should bring the BA of the stand from 162 sqft/ac to no lower than 150 sqft/ac.

Stand 16: Description

Stand Sixteen is an 8.8 acre seedling /sapling stand that is the result of a Norway spruce clear cut. It is uncertain if this stand was replanted after the last harvest but the regeneration in this stand is a mix of pioneer hardwoods, white pine, and Norway spruce. The stand has been seeded in by the residual hardwoods left from the softwood harvest, as well as the white pine in stand seventeen to the north of this site. Soil conditions in this site are moderately well drained and tree growth of the seedlings and saplings is healthy.

Stand 16: Prescription

This stand is growing well and should be left to keep growing. Continued growth will establish competition to the point where the individual stems will out compete the less successful trees and create the opening of growing space and the increased growth of the surviving trees. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated. At this point in time it is our hope that the stand will be ready to thin for timber stand improvement.

Stand 17: Description

Stand Seventeen is an 11.6 acre mixed softwood stand with a hardwood understory. The over story of this stand is comprised of white pine, and white spruce, and Norway spruce. These softwoods are smaller diameter saw timber softwoods. The co dominant canopy of this stand is made up of hardwoods including white ash, sugar maple and black cherry as well as young white pine and spruce. There is American beech present as interfering vegetation throughout the understory of this stand. With a BA of 145.7 sqft/ac and a TPA of 153 this stand is fully stocked for a mixed wood stand of this species composition. The soil conditions of this site are moderately well drained.

Stand 17: Prescription

This stand should be grown as a mixed softwood stand. To encourage growth of softwoods and create an uneven aged softwood stand. The hardwoods should be harvested for firewood and saw timber to open growing space and encourage secondary growth of the softwoods. This should only be done in conjunction with another hardwood harvest as it is not enough timber to be sold on its own. The BA of this stand should be lowered from 145.7 sqft/ac to 125 sqft/ac if the harvest is to take place.

Stand 18: Description

Stand eighteen is a 2.4 acre uneven aged red pine plantation with a hardwood understory. This small stand is a mature red pine stand with a BA of 150 sqft/ac and a TPA of 246. There is a wide range of diameter classes within the red pine, most of them being small saw timber sized. The understory of this stand is made up of hardwood saplings averaging 10-15 ft high with scattered firewood sized hardwoods. The main species in the understory are sugar and red maple, with white ash also present throughout the stand. There is a main skid trail that goes though the middle of this stand and serves as an access road to stands 20-30. Soil conditions on this site are well drained. There is an old log landing in between this stand Van Cleef road that is currently used as a camping spot.

Stand 18: Prescription

This stand is at the perfect stocking level between the A line and the B line for the red pine stocking guide. This means that the stand is at the right basal area to encourage competition between the trees to keep them putting on primary growth while still having enough space to be able to put on secondary growth. This stand is in good health and should be left to grow. Allowing this timber to grow will increase its value when it is ready to be harvested. It will also allow time for the hardwood understory to keep developing so there is a residual forest when the red pine is eventually harvested. Re-inventory will be conducted on this stand in 2025 and the timber will be evaluated.

Stand Summary Table found on Page 101 of the appendix

Stand 19: Description

Stand Nineteen is a 2.4 acre even aged hardwood stand. The timber in this stand can be classified as being firewood sized. The species composition of the stand is primarily sugar maple, with black cherry, white ash mixed in. With a BA of 96.6 sqft/ac and a TPA of 218 this stand is over stocked. Soils on this site are somewhat poorly drained. The stand lays in lower elevation than the surrounding stands and looks to collect drainage.

Stand 19: Prescription

This stand is ready for a firewood thinning. A firewood thinning will remove the poor quality trees, promoting growth for the quality trees we hope to be saw timber at a later date. This should be a small thinning removing only 15 to 20 % of the basal area of the stand. This smaller thinning will keep the BA high that the stems will still be in direct competition with each other for primary growth while opening up enough growing space for the more dominant trees to establish secondary growth. Due to the soil quality this thinning should only take place during frozen ground conditions to protect the stand's soils and prevent rutting.

Stand 20: Description

Stand Twenty is a 1.9 acre softwood seedling / sapling stand. The species composition of this stand is comprised of Norway spruce, and red pine, and scots pine. The stand is growing very well and is too thick to walk through. The trees in this stand have an average DBH of 4-6 inches and an average height of 20- 25 feet. Soil conditions on this site are well drained and promote softwood growth.

Stand 20: Prescription

This stand is not ready for a pre commercial thinning but it is our hope that when this stand is re inventoried in 2025 that the average DBH of the stand is 6+ inches. At this point the stand will be ready for a pre commercial thinning. This will cost an average of \$125 per acre. Investment in a pre commercial thinning is essential to obtaining the growth necessary for this stand to be harvested as saw timber at a later date. This pre commercial thinning may take place before the next inventory in event that the southern pine beetle becomes a threat to Otsego County.

No Stand Summary Tables are provided for Seedling/Sapling stands

Stand 21: Description

Stand Twenty One is a 1.2 acre softwood plantation. The species composition of this stand is comprised of primarily mature red pine with mature white pine growing in the over story. The understory of this stand is a mixed hardwood understory of firewood size and quality. American beech and striped maple also exist in the under story as interfering vegetation in this stand. This stand is overstocked with a BA of 223 sqft/ac and a TPA of 270. The red pine is saw timber sized and of quality. Soil conditions on this site are well drained and conducive to the growth of this stand.

Stand 21: Prescription

The BA of the red pine alone in this plantation is 166. For saw timber quality red pine the BA of the stand should be near 125sqft/ac. The BA of the stand should be reduced from 223 sqft/ac to 125 sqft/ac. This can be done by removing firewood sized hardwoods from the understory as well as removing lesser quality red pine timber in the 9-15 in DBH class. This thinning should be harvested to promote primary and secondary growth of the saw timber red pine.

Stand 22: Description

Stand Twenty Two is a 1.4 acre Scotch pine (scots pine) plantation. The over story of this stand is mature Scotch pine with a young hardwood understory consisting of seedling and sapling sized red maple, black cherry and black birch. With a BA of 193 sqft/ac and a TPA of 261 This stand is fully stocked. The Scotch pine in this stand are of varying size classes but average 14 inch DBH. At this size they are not saw timber sized and Scotch pine are not often used to produce telephone poles. This stand has very little value in terms of timber. Its value is as a buffer from the neighboring property. Soils in this stand are well drained and conducive to pine growth.

Stand 22: Description

This stand should be left as a buffer between the neighboring property and the county property. It will buffer the sight of future timber sales as well as protect stand 23, which is a growing plantation stand. This stand has very little value and would be difficult to sell unless coupled with a larger sale. Its value as a buffer is more important than its value as a timber stand. This stand will be re inventoried in 2025 to see determine its health and growth rate.

Stand 23: Description

Stand Twenty Three is a 0.9 acre mixed softwood, seedling/ sapling stand. The species composition of this stand is comprised of red pine, Norway spruce, and Scotch pine seedlings that averaging 6 ft high. The stand is located between a stand 21 and 22 which shelter the seedlings from the wind. Aspen seedlings are present around the edges of the stand. The soils on this site are well drained and conducive to pine and spruce growth.

Stand 23: Prescription

This stand is a young healthy stand that should be left to grow. It is our hope that continued growth will and competition will force these trees to reach up for sunlight and add primary growth. This stand will be re inventoried in 2025 and the timber will be evaluated. At that time it will be determined if the stand is ready for timber stand improvement or not.

No Stand Summary Tables are provided for Seedling/Sapling stands

Stand 24: Description

Stand Twenty Four is a 1.5 acre seedling/ sapling stand. Created by a clear cut softwood harvest, this stand was planted with Norway spruce, red pine, Scotch pine, and balsam fir to replace the stand that was harvested. Big tooth aspen, and quaking aspen have since seeded in throughout the stand from the mature aspens in the surrounding area. The average height of the stand is 6-8 ft and the soil conditions on this site are well drained and conducive to growing all planted and established species.

Stand 24: Prescription

This stand is a young healthy stand that should be left to grow. It is our hope that continued growth will and competition will force these trees to reach up for sunlight and add primary growth. This stand will be re inventoried in 2025 and the timber will be evaluated. At that time it will be determined if the aspen in the stand should be removed to benefit the growth of the planted softwoods.

Stand 25: Description

Stand Twenty Five is a 1.2 acre seedling/ sapling stand. Created by a clear cut softwood harvest, this stand was planted with Norway spruce, red pine, Scotch pine, and balsam fir to replace the stand that was harvested. Big tooth aspen, and quaking aspen has since seeded in throughout the stand from the mature aspens in the surrounding area. The average height of the stand is 3-5 ft and the soil conditions on this site are well drained and conducive to growing all planted and established species.

Stand 25: Prescription

This stand is a young healthy stand that should be left to grow. It is our hope that continued growth will and competition will force these trees to reach up for sunlight and add primary growth. This stand will be re inventoried in 2025 and the timber will be evaluated. At that time it will be determined if the aspen in the stand should be removed to benefit the growth of the planted softwoods.
Stand 26: Description

Stand Twenty Six is a 1.6 acre seedling/ sapling stand. Created by a clear cut softwood harvest, this stand was planted with Norway spruce, red pine, Scotch pine to replace the stand that was harvested. Big tooth aspen, and quaking aspen has since seeded in throughout the stand from the mature aspens in the surrounding area. The average height of the stand is 2-3 ft and the soil conditions on this site are well drained and conducive to growing all planted and established species.

Stand 26: Prescription

This stand is a young healthy stand that should be left to grow. It is our hope that continued growth will and competition will force these trees to reach up for sunlight and add primary growth. This stand will be re inventoried in 2025 and the timber will be evaluated. At that time it will be determined if the aspen in the stand should be removed to benefit the growth of the planted softwoods.

Stand 27: Description

Stand Twenty Seven is a 1.4 acre hardwood hedge row that has a stone wall that runs down the middle of it. Previous harvesting operations that took place in neighboring stands 24, and 26 pushed the excess material from their cleanup effort into this space creating a long running mound of soil that has grown in with pioneer hardwoods that have just recently grown out of the seedling/ sapling succession stage The stone wall that runs through this stand is a remnant of a property boundary or livestock fence, left behind by its original owner.

Stand 27: Prescription

This stand is being placed under protection to preserve the historical value of the stone wall. There is no merchantable timber in this small stand and no harvesting could take place within the stand without harming the integrity of the stone wall.

Stand 28: Description

Stand Twenty Eight is a 1.1 acre mixed softwood, advanced growth, seedling/ sapling stand. This stand was created by a clear cut softwood harvest where Norway spruce, red pine, white pine, Scotch pine, and European larch were planted to replace the harvested timber. This combination of species is often referred to as a mixed bag planting where all viable softwood timber species are mixed and planted at random throughout the stand. The average height of this stand is 20 ft with an average DBH of 3-4 inches. Soil conditions on this site are well drained and conducive to spruce and pine growth.

Stand 28: Prescription

This stand is not ready for a pre commercial thinning but it is our hope that when this stand is re inventoried in 2025 that the average DBH of the stand is 6+ inches. At this point the stand will be ready for a pre commercial thinning. This will cost an average of \$125 per acre. Investment in a pre commercial thinning is essential to obtaining the growth necessary for this stand to be harvested as saw timber at a later date. This pre commercial thinning may take place before the next inventory in event that the southern pine beetle becomes a threat to Otsego County.

No Stand Summary Tables are provided for Seedling/Sapling stands

Stand 29: Description

Stand Twenty Nine is a 6.4 acre uneven aged hardwood stand. The over story of this stand has a species composition comprised of sugar maple, red maple, black cherry, American basswood, and white ash. The understory of this stand is comprised of young sugar maple and hard maple as well as American beech which is considered an interfering vegetation. With a BA of 125 sqft/ac and a TPA of 177 this stand is overstocked. Soil conditions in this site are moderately well drained. There is pit and mound topography present where some water holds in pools.

Stand 29: Prescription

Being overstocked is impeding the growth rate of valuable timber in this stand. A thinning should be conducted in this stand to encourage growth of the saw timber quality hardwoods. This thinning should lower the basal area of the stand from 125 to 85 sqft/ac. It is recommended that the American beech in the understory of the stand is treated with herbicide. Without beech treatment there will be no regeneration of the hardwood saw timber to maintain a multi strata growing system.

Stand 30: Description

Stand Thirty is a 1.4 acre hardwood hedge row that has a stone wall that runs down the middle of it. Firewood sized hardwoods occupy this stand and create a buffer to the adjacent to private property. The stone wall that runs through the middle of the stand is from the original owners of the property which used the stone wall as a property boundary or as a livestock fence.

Stand 30: Prescription

This stand is being placed under protection to preserve the historical value of the stone wall, as well as to maintain a visual buffer of the adjacent land owner's home and a separation from his privately owned trail that runs along the property boundary. There is no merchantable timber in this small stand and no harvesting could take place within the stand without harming the integrity of the stone wall.

Stand 31: Description

Stand Thirty One is a 24.8 acre mixed wood stand. This stand is the result of a softwood over story removal. It cannot be determined if this was a clear cut or a shelter wood cut, but the residual stand was left with very little to no standing timber. The stand seeded in with pioneer hardwoods as well as Norway and white spruce seedlings. These seedlings have grown to an average height of 10-15 ft. This stand has a BA of 37 sqft/ac and a TPA of 101.6. These numbers are not particularly representative of the stand because so many of the existing stems here are too small to be counted in inventory. Soil conditions in this site range from well drained in the Southeast end of the stand to somewhat poorly drained on the Western edge of the stand.

Stand 31: Prescription

This stand needs to be left to grow. There is excellent species diversity throughout this stand but the stems are too small to do any meaningful timber stand improvement efforts. Once the stand has grown more and established what species will be dominant in the hardwoods timber stand improvement can be used to remove undesirable species and trees that are in poor health. This stand will be re inventoried in 2025 and the timber will be evaluated.

Stand Summary Table found on Page 106 of the appendix

Stand 32: Description

Stand Thirty Two is a 0.8 acre uneven aged mixed wood stand. The dominant crown class of the over story of the stand is comprised of mature saw timber sized Norway spruce. The co dominant crown class of the over story is hardwood saw timber and firewood sized white ash black cherry and American basswood. The understory of the stand is also a mix of young hardwood seedlings and even younger Norway spruce regeneration. The stand has a BA of 166.6 sqft/ac and a TPA of 137 making this stand overstocked. The ground is very uneven in this location creating a range of soil drainage classes. The higher ground is well drained while the lower areas are somewhat poorly drained and poorly drained.

Stand 32: Prescription

This stand would grow better as Norway spruce stand than it is a mixed wood stand. Harvesting of the hardwood should take place at any time removing the saw timber sized white ash in anticipation of the emerald ash borer beetle entering the area. Lowering the basal area from 166.6 to120 sqft/ac will allow the spruce to reproduce in the new growing space on the forest floor and create an uneven aged spruce stand. Removing the saw timber white ash should only take place under frozen conditions due to the soil quality on the site.

Stand 33: Description

Stand Thirty Three is a 12.1 acre uneven aged mixed wood stand. The product of a softwood over story removal this stand is mostly regeneration. The over story of the stand is sparsely scattered with mature white pine and Norway spruce. The understory of the stand is what makes up most of the volume of the stand. The species composition of the understory is comprised of white ash, red oak red maple, sugar maple, white birch, black birch, and black cherry. With a BA of 74 sqft/ac and a TPA of 197 this stand is in between the A and B lines on the Northern hardwoods stocking guide, meaning that it is at the right level of stocking for tree growth and reproduction. Soil conditions in this site range from moderately well drained to somewhat poorly drained.

Stand 33: Prescription

This stand should be left to grow and create a more prominent species composition. Once specific species take dominance in the stand than Timber stand improvement can take place to remove low quality trees and undesirable timber species. The over story of this stand is mature enough to harvest but it has a very small amount of wood to sell. These over story softwoods can be harvested at any time where they can be attached to another sale. This should be done only if it does not injure the rest of the stand.

Stand Summary Table found on Page 108 of the appendix

Stand 34: Description

Stand Thirty Four is a 3.9 acre mixed wood stand. This stand is a product of a Norway spruce over story removal that created a spruce shelter wood. The residual Norway spruce left from sale are the trees that now make up the over story of the stand. They are scattered sparsely throughout the stand area. There is a co dominant crown class composed of younger hardwoods such as black cherry, white ash , and red maple. The understory of the stand has a mix of pioneer hardwoods and advanced growth Norway spruce regeneration. With a BA of 80 sqft/ac and a TPA of 123.5 this stand is adequately stocked for hardwood growth but under stocked for softwood growth. Soil conditions on this site are moderately well drained on the higher Western part of the stand, and somewhat poorly drained toward the lower elevation, Eastern side of the stand.

Stand 24: Prescription

The species composition of this stand is evenly mixed with softwood and hardwood. This stand should be managed to produce hardwoods and let the softwood in the understory serve as competition to increase growth of the hardwoods. The softwood in the over story has reproduced and regenerated the understory of the stand to a healthy level of growth and competition. Although the saw timber softwoods in the over story are ready to harvest, removing them all would leave the BA of the stand too low and may inhibit growth of the rest of the stand. Only 10% of the BA should be removed from the over story to promote growth. Any sale of the softwood over story trees will have to be sold in conjunction with another softwood sale.

Stand Summary Table found on Page 109 of the appendix

Stand 35: Description

Stand Thirty Five is a Norway spruce seedling sapling stand. The stand is the result of a Norway spruce clear cut. It is uncertain if the seedlings on this site are the product of planting after the harvest, or natural re seeding from residual Norway spruce from stand 34 which surrounds stand 35. The Norway spruce seedlings on this site are on average 20 ft high and have an average DBH of 4 inches. Soil conditions in this stand are somewhat poorly drained.

Stand 35: Prescription

This stand is not ready for a pre commercial thinning but it is our hope that when this stand is re inventoried in 2025 that the average DBH of the stand is 6+ inches. At this point the stand will be ready for a pre commercial thinning. This will cost an average of \$125 per acre. Investment in a pre commercial thinning is essential to obtaining the growth necessary for this stand to be harvested as saw timber at a later date. This pre commercial thinning may take place before the next inventory in event that the southern pine beetle becomes a threat to Otsego County.

Stand 36: Description

Stand Thirty Six is a 16.4 acre, young mixed wood stand. This stand is the result of a softwood over story removal. This uneven aged stand is composed scattered white pine and Norway spruce in the over story with a secondary crown class of mixed hardwoods that are between saw timber and firewood timber sized. These young hardwoods have softwood and advanced growth pioneer hardwoods growing under them in the understory of the stand. The stand is adjacent to a large wetland with standing water. As you get closer to this wetland the species in the over story change from Norway spruce to hemlock and white spruce. With a BA of 108.8 sqft/ac this stand is overstocked for hardwoods and under stocked for softwoods. Soil conditions on this site are somewhat poorly drained.

Stand 36: Prescription

This stand should be protected around the edges of the wetland, meaning that no harvesting should take place within 66 ft of the edge of the wetland. The remaining part of the stand should be thinned for firewood. This thinning should remove the low quality hardwoods from the stand, lowering the BA of the stand from108.8 sqft/ac to78.8 sqft/ac. This thinning should take place under frozen conditions due to the questionable working conditions on somewhat poorly drained soils.

Stand Summary Table found on Page 110 of the appendix

Stand 37: Description

Stand Thirty Seven is a 48.9 acre uneven aged mixed wood stand. This stand is the result of a softwood over story removal. The over story of this stand is very sparse consisting of the residual white pine that were not cut in the timber harvest. The bulk of this stand is composed of young, firewood sized northern hardwoods, scattered throughout mixed hardwood, softwood advanced regeneration. With a BA of 42.7 sqft/ac this stand is under stocked for both hardwoods and softwoods.

Stand 36: Description

This stand's low level of stocking is due to its age. It is a young stand that has many seedlings that don't contribute to the BA data on collected in this inventory. No harvesting or thinning should take place in this stand because it needs time to grow. There is a small pocket of larger ash in this stand that should be harvested **only** if they become infested with the emerald ash borer. This stand will be re inventoried in 2025 and the timber will be evaluated. At that time it will be determined if the stand is ready for a timber stand improvement thinning, or a firewood thinning.

Stand Summary Table found on Page 111 of the appendix

Stand 38: Description

Stand Thirty Eight is a 13.7 acre uneven aged mixed wood stand. This stand is located to the South West of the wetland which drains through a stream that runs the length of this stand. The over story of this stand is comprised of mixed hardwoods, Eastern hemlock, and Norway spruce. The under story of this stand is also comprised of a mix of hardwood, hemlock, and spruce regeneration. With a BA of 152.9 sqft/ac and a TPA of 272.5 this stand is overstocked. Soil conditions in this stand are moderately well drained except for the riparian areas on either side of the stream.

Stand 38: Prescription

This stand should undergo a firewood thinning. This thinning should remove 30% of the BA of the stand. Taking the BA of the stand from 152.9 sqft/ac to 107.3 sqft/ac will create growing space on the forest floor to allow saw timber trees to put on secondary growth, as well as open canopy gaps to increase growth of the understory. No harvesting operations should take place within 66 ft of either side of the stream, effectively creating an undisturbed riparian buffer.

Stand 39: Description

Stand Thirty Nine is a 5.4 acre even aged Norway spruce plantation that is being phased into a mixed wood stand. This stand has been thinned more than once and hardwood has seeded in and grown into the understory of the stand. Mature hardwoods are scattered throughout the stand in the co dominant crown class and the dominant crown class is composed of mature Norway spruce and white pine. With a BA of 120 sqft / ac and a TPA of 142.8 this stand is over stocked for the hardwoods growing here. This will cause them to be suppressed by the softwoods. The softwood in the over story is slightly under stocked but still conducive to the continuation of growth of the saw timber trees. Soil conditions on this site are moderately well drained.

Stand 39: Prescription

The bulk of the financial value of this stand lies in the mature softwoods. They have already been thinned as much as they can be at this time. Leaving them time to grow will give them time to reach financial and biological maturity. This stand should have no softwood thinning or harvests. This stand will be re inventoried in 2025 and the softwood timber will be evaluated. The hardwoods in this stand should be thinned to increase growing space for the more valuable softwood timber of the stand. A firewood thinning should remove 15% of the BA of the stand. This would lower the BA to 102 sqft/ac.

Stand 40: Description

Stand Forty is a 20 acre uneven mixed wood stand. This stand is the residual from a Norway spruce / red pine over story removal harvest. The over story of this stand is composed of the sporadic pockets of different softwood species that were left during the over story removal. Pioneer hardwoods and Eastern hemlocks have seeded in and grown in the absence of the mature softwoods. These young hardwoods in the understory are also mixed with the Norway spruce regeneration that seeded in from the original over story. American beech and striped maple are interfering vegetation, present throughout the stand. With a BA of 95.7 sqft/ac and a TPA of 143 this stand is under stocked for softwood growth and overstocked for hardwood growth. Soils in this stand are somewhat poorly drained and there is a small wetland located within the stand.

Stand 40: Prescription

This stand should be managed to procure softwoods in the over story and grow hardwoods in the under story. The over story should be harvested once the hardwood in the understory is more established. Right now removing the over story softwoods would reduce the BA of the stand too much. This stand will be re inventoried in 2025 and the softwood timber will be evaluated. At this time it is our hope that the stand can be converted into a hardwood stand with a mixed understory.

Stand Summary Table found on Page 114 of the appendix

Stand 41: Prescription

Stand Forty One is a 6.7 acre is a European larch plantation. This stand has an over story comprised of mature European larch with scattered white pine, and Norway spruce around the edges of the stand. The understory of the stand is made up of pioneer hardwoods, young spruce regeneration and interfering vegetation including American beech and striped maple. This stand was recently harvested and with a BA of 125 sqft/ac and a TPA of 179, it is under stocked. Soil conditions on this site are moderately well drained.

Stand 41: Prescription

Due to the recent harvest, this stand is under stocked for a pure larch plantation. It is our hope that the current level of stocking will allow enough light through the canopy to help hardwoods grow. Having an uneven aged mixed wood stand would help work toward a goal of long term sustainable management. When the hardwood understory is developed enough, the over story can be removed without the need for replanting. At this time no timber harvesting operations should take place. The stand will be re-inventoried in 2025 and the timber will be evaluated.

Stand 42: Description

Stand Forty Two is a 0.9 acre red pine / white pine plantation stand. This stand has both saw timber sized white pine and red pine in the over story as well as smaller diameter red pine. Saw timber sized hardwoods are few but present in the co dominant crown class. Hardwoods have seeded in the understory of the stand. With a BA of 105 sqft/ac and a TPA of 69.4 this stand is under stocked. The under stocking of the stand has enabled hardwoods to grow well in the understory. Soil conditions in this stand are moderately well drained.

Stand 42: Prescription

This stand is starting to be damaged by winds and due to its size and age it is appropriate to harvest this stand as a clear cut. The landing adjacent to the stand should be used for the timber sale and the stand will be converted into a hardwood stand by the hardwood understory.

Stand 43: Description

Stand Forty Three is a 4.1 acre protection stand. This stand is the product of a Norway spruce clear cut. The stand sits in a low depression in the landscape. This bowl shape has collected water and has poorly drained soils that hold it. Although there is no standing water, there is also no workable ground in the stand. The over story of this stand consists of mature white pine that were left from the spruce harvest, and black cherry snags that have died from the soils becoming so poorly drained. The understory of the stand is comprised of Norway spruce regeneration, advanced Norway spruce regeneration and pioneer hardwoods.

Stand 43: Prescription

This stand is being placed in protection because there is no workable ground, meaning that no equipment should enter this area at any time. The stand will be re inventoried in 2025 and the soil conditions will be evaluated. It is our hope that as root systems continue to establish on the banks of this low area, water in the soil will be taken up by the establishing trees and the ground conditions will improve.

Stand 44: Description

Stand Forty Four is a 3.8 acre mixed softwood stand that runs along Middlefield road. This stand has a mature softwood over story with a species composition of Norway spruce, European Larch, and white pine. The understory of the stand has a species composition of pioneer hardwoods consisting of primarily white ash. With a BA of 176.7 sqft/ac and a TPA of 194.2 this stand is over stocked. Soil conditions in this stand are poorly drained in the Southern end of the stand causing the spruce to be shallow rooted. The Northern end of the stand has somewhat poorly drained soils but is workable ground. A stream runs through the stand just to the left of the intersection of Middlefield, Van Cleef, and Pearsall roads.

Stand 44: Prescription

The Southern end of this stand should not be harvested due to the poor soil conditions and the proximity to the stream. In the North Western end of the stand mature European larch and Norway spruce are growing along the edge of Middlefield road. These trees should be harvested when they can be paired with another softwood sale. They are near growing capacity for this site and may become in danger of falling into the roadway if the left too long. This harvest should be a roadside clear cut, or thinning of the stand that takes the trees that are in falling distance of the roadway.

Stand Summary Table found on Page 117 of the appendix

Stand 45: Description

Stand Forty Five is a 2.8 acre even aged hardwood stand that lays in between a mature softwood stand (stand 41) and a large wetland area. The hardwoods in the over story are comprised northern red oak, red maple, sugar maple, white ash, and black cherry. The understory of the stand is primarily interfering vegetation, including American beech, striped maple, and New York fern. There is a skid trail that goes through the center of the stand that is in good condition and can be used in future timber harvesting operations. With a BA of 90 sqft/ac and a TPA of 105 this stand is just slightly over stocked. Soil conditions in this stand are moderately well drained but the closer you get to the wetland in stand 47, the poorer the soil quality becomes.

Stand 45: Prescription

This stand is growing well in the over story and the young hardwoods are in competition with each other gaining primary and secondary growth. For maximum growth this stand could be thinned for fire wood, removing poor quality trees. This thinning would lower the BA / ac from 90 sqft/ac to 70 sqft/ac. This thinning will produce a small amount of firewood and should only be done if combined with another stand's firewood sale. If no thinning takes place in this stand, it will still continue to grow well.

Stand Summary Table found on Page 118 of the appendix

Stand 46: Description

Stand Forty Six is a 4.0 acre uneven aged mixed wood stand. The over story of this stand is comprised of white pine, and Norway spruce. The co dominant crown class consists of saw timber and firewood sized northern hardwoods mixed with young white pine and Norway spruce saplings. With a BA of 136.7 sqft/ac and a TPA of 174. This stand is overstocked for hardwood growth but adequately stocked to promote softwood growth. The soil conditions in this stand are moderately well drained.

Stand 46: Prescription

The softwoods in the over story of the stand are the dominant species and make up just under half of the total basal area of the stand. Management of this mixed wood stand will be focused on promoting over story softwood growth. It is our goal to be able to harvest the over story softwoods while the understory of the stand competes becomes the replacement for the over story once it is ready to remove. The over story removal can take place at any time as the softwoods are mature and ready to harvest but it would benefit the stand to let the understory grow more before harvesting takes place. An over story removal would remove roughly 25% of the volume bringing the basal area of the stand from 136.7 sqft/ac to 102 sqft /ac.

Stand Summary Table found on Page 119 of the appendix

Stand 47: Description

Stand Forty Seven is a 5.6 acre forested wetland area. This stand has an over story of white pine and an under story of wetland woody vegetation such as speckled alder and red stem dogwood. The white pine are turning yellow and declining in health due to an influx in water to the stand. It is undetermined what caused the water to enter the stand but the soils are currently very poorly drained. The large amount of water in the soils is drowning the root systems of the white pine and killing them.

Stand 47: Prescription

This stand is being placed in protection due to the very poorly drained soils. The white pine will continue to decline but there is no way to salvage the wood because the ground is not workable. As the white pine decline they will become good wildlife habitat for wetland bird and mammal species.

Stand 48: Description

Stand Forty Eight is a 1.6 acre uneven aged mixed wood stand. The over story is comprised of saw timber quality red oak, and red maple and the occasional large Eastern hemlock. The under story of the stand is comprised of smaller hemlock, smaller red maple, and paper birch. The interfering vegetation existing in this stand consists of primarily American beech. With a BA of 160 sqft/ac and a TPA of 194.2 this stand is overstocked for hardwood. The majority of the hemlock are suppressed by the over story hardwoods and are growing quickly. Soil conditions on this site are moderately well drained.

Stand 48: Prescription

This overstocked stand should be thinned to promote hardwood growth. Conducting a firewood harvest would benefit the over story and under story hardwoods. By removing the understory Eastern hemlock and undesirable hardwoods in both the over story and understory, growing space will be created. The quality red oaks are not reproducing and new growing space would for the red oaks to reproduce and release the smaller quality hardwoods in the 10-12 inch DBH class. This thinning should lower the basal area of the stand from 160sqft/ac to 125sqft/ac. This should be the first of multiple thinnings but should be the only thinning before the 2025 re-inventory.

Stand Summary Table found on Page 120 of the appendix

Stand 49: Description

Stand Forty Nine is a 2.1 acre uneven aged white pine plantation. This stand was planted as a white pine/ Norway spruce plantation and looks to have been thinned, removing most of the Norway spruce. The residual white pine in the over story are of varying diameters. Directly under the over story there is a suppressed co dominant crown class that consists of smaller diameter white pine and Norway spruce. With a BA of 203.3 and a TPA of 189 this stand is fully stocked the over story is growing well. The hardwood understory of this stand is comprised of young red maple and black cherry. Soil conditions on this site are moderately well drained being located on a small hilltop.

Stand 48: Prescription

Due to this stand's species composition it has a low value in terms of it's wood. White pine has value as wildlife habitat, being a favorite for White Tailed Deer and the North American Porcupine. This stand should be left to continue to grow and provide habitat for wildlife. In the event that this stand can be sold in conjunction with another softwood sale, the basal area should be lowered from 203.3 sqft/ac to 140 sqft/ac. Harvest should target mature white pine in the over story.

Stand 50: Description

Stand Fifty is a 4.5 acre uneven aged mixed wood stand. This stand is the residual timber from a Norway spruce harvest. The over story of this stand consists of saw timber sized Norway spruce and northern hardwoods, including northern red oak, red maple, black cherry and paper birch. The understory of the stand is comprised of young hardwoods and Norway spruce regeneration. With a BA of 145 and a TPA of 188 this stand is over stocked for hardwood growth. Soil conditions on this site are moderately well drained in the higher elevations of the stand on it's eastern side. Soil conditions deteriorate to somewhat poorly drained toward the western side of the stand where the elevation lowers and the truck trail intersects the stand.

Stand 50: Prescription

The roughly half of the volume in this stand is hardwood saw timber. The management focus on this stand should be growing and improving the hardwood saw timber. The softwoods in the over story are impeding the growth of these saw timber hardwoods. This stand should undergo a thinning to Remove all of the over story softwoods, and some of the understory softwoods. This thinning should lower the BA of the stand from145 sqft/ac to 110 sqft/ac. This thinning will convert the stand into an uneven aged stand with a hardwood over story and a mostly hardwood understory. It is our hope that this thinning would increase hardwood growth in the over story and understory while preparing the stand for a future firewood thinning.

Stand 51: Description

Stand Fifty One is a 6.5 acre uneven aged hardwood stand. The over story of the stand has a species composition of white ash, sugar maple, red oak, and bitternut hickory. The co dominant canopy in this stand is comprised of sugar maple and younger white ash. Iron wood is growing in the understory of the stand as interfering vegetation. Sugar maple and white ash are regenerating throughout the stand but the Iron wood is preventing it from advancing in growth. With a BA of 125 sqft/ac and a TPA of 150 this stand is over stocked. Soil conditions on this site are moderately well drained.

Stand 51: Prescription

The level of stocking in this stand is inhibiting maximum growing potential to the hardwoods growing here. This stand should be thinned to promote growth of the saw timber. This thinning should harvest poor quality trees, White ash of firewood and saw timber size as well as, the bitternut hickory that have contracted a disease. This disease has caused the formation of many galls in the tree canopy. This will disrupt the photosynthetic processes the hickory needs to survive. This thinning will lower the BA of this stand from 125 sqft/ac to 80 sqft/ac.

Stand Summary Table found on Page 123 of the appendix

Stand 52: Description

Stand Fifty Two is a 6.5 acre hardwood stand. This stand is the residual hardwood that has grown after a red pine over story removal. This stand is located in a topographic low point that forms a bowl in the landscape. The shape and elevation of the site causes runoff to collect and create very poorly drained soils. Wetland species such as speckled alder, nannyberry and red stem dogwood are found growing throughout the stand.

Stand 52: Prescription

This stand is being placed in protection because there is no workable ground that could sustain skidding or heavy equipment operation without causing serious damage to the soils. This stand will be re inventoried in 2025 with the hope that further tree growth, root system expansion, and water uptake by those root systems will help stabilize and drain the soil.

Stand 53: Description

Stand Fifty Three is a 3.4 acre uneven aged hardwood stand. The over story of the stand has a species composition of red maple, black cherry, and white ash. The co dominant canopy class is comprised of younger red maple and paper birch. The under story of this stand has mixed hardwood seedlings growing with interfering American beech. With a BA of 80 sqft/ac and a TPA of 146.6 this stand is at the optimal stocking level to promote growth of the hardwoods in the stand. Soil conditions on this site are moderately well drained and there is a stream that is located along the western edge of the stand.

Stand 53: Prescription

Due to the current stocking conditions of the stand there should be no thinning or harvesting actions during the next seven years. The stand will be re inventoried in 2025 with hopes that the hardwoods in this stand have improved and put on secondary growth. It is our hope that at this time the stand will be ready for a firewood thinning.

Stand 54: Description

Stand Fifty Four is a 7.2 acre uneven aged hardwood stand. This stand is the residual hardwood from a red pine over story removal. There are two distinct crown classes in this stand. The over story are a sparsely stocked firewood and small saw timber sized white ash, and red maple and the understory is comprised of pioneer hardwoods, and black berries. With a BA of 42.9 this stand is very under stocked. If it were not for the residual hardwoods that were left from the red pine harvest this stand would be classified as seedling/ sapling. Soil conditions on this site are moderately well drained.

Stand 54: Prescription

This stand should not be treated with a thinning or harvest. The stand is severely under stocked and needs time to grow. The regeneration in the stand indicates that this stand will continue to grow as an uneven aged hardwood stand. A re inventory will be conducted in 2025 and the timber will be evaluated.

Stand 55: Description

Stand Fifty Five is an even aged red pine plantation. This stand is the only intact contiguous red pine stand on the property. It is a younger stand that is in good health and growing well. There is a small amount of hardwood regeneration in the understory of this stand and some interfering vegetation including striped maple. With a BA of 176.7 sqft/ac and a TPA of 413 this stand is over stocked. Soil conditions on this site are moderately well drained and adequate for growing now.

Stand 55: Prescription

Due to the TPA of this stand being too high for its BA/ac, tree growth is being inhibited. To remedy this, a thinning should take place in this stand. Trees of poor quality and low vigor should be removed as well as undesirable species. This will give the quality saw timber trees the growing space they need to advance in growth. This small thinning on a small stand will not generate very much revenue as the trees being harvested will have low value. This thinning may be an investment, rather than a revenue thinning.

Stand 56: Description

Stand Fifty Six is a 4.6 acre uneven aged hardwood stand. This stand was formerly a mixed wood stand that the red pine was harvested from. The residual hardwoods are now the red maple, sugar maple, and white ash that make up the dominant crown class of the over story. The understory of this stand is comprised of young maple, black birch and interfering vegetation including American beech and iron wood. With a BA of 143.3 sqft/ac and a TPA of 236 this stand is over stocked. The soil conditions on this site are moderately well drained and the stand is located on a very steep ravine that goes down into a riparian area.

Stand 56: Prescription

This stand will need multiple thinning treatments before it is ready to harvest for saw timber. The first thinning should be conducted to remove undesirable species as well as trees of poor quality. Lowering the BA from 146 sqft/ac to 100 sqft/ac will remove roughly 30% of the BA and open up growing space for saw timber quality to put on secondary growth, and reproduce. This thinning should be done under frozen conditions to prevent large scale erosion on the steep bank into the stream.

Stand 57: Description

Stand Fifty Seven is a 9.5 acre uneven aged mixed wood stand that runs along the North East side of the deep ravine and stream. The species composition of this stand comprised of mostly white ash, with red maple, red pine in the over story with Eastern Hemlock and white birch in the co dominant crown class and understory. The soil conditions on this site are shallow very poorly drained soils. The combination of steep terrain and shallow soils creates a very dangerous stand for walking or harvesting.

Stand 57: Description

Due to the proximity to the stream, risk of serious erosion and sedimentation, and danger of rolling equipment this stand is being placed in protection. No harvesting should take place in this stand.

Stand 58: Description

Stand Fifty Eight is a 3.5 acre uneven aged mixed wood stand. The over story of this stand has mature hardwoods and softwoods including red oak, sugar maple, bitternut hickory, and Eastern hemlock. The there is a secondary crown class that is comprised of young hardwoods, and smaller Eastern hemlocks. Where the young hemlocks do not exist, there are American beech stems that take up all of the growing space in the understory. With a BA of 136.7 sqft/ac and a TPA of 185 this stand is overstocked. Hemlocks can grow at this density but it is too dense for hardwoods to grow quickly. Soil conditions in this stand are well drained and the entirety of the stand is located on a steep hillside in between skid roads.

Stand 58: Prescription

This stand is overstocked and needs to be thinned. A thinning should target understory hemlock, undesirable species, and poor quality hardwoods. Lowering the BA from136.7 sqft/ac to100 sqft/ac will promote hardwood growth and reproduction. This roughly 30% reduction in basal area will allow saw timber to increase in size and value. These saw timber cannot be harvested until the interfering vegetation in the stand has undergone an herbicide treatment.

Stand 59: Description

Stand Fifty Nine is a 23 acre uneven aged hardwood stand. This stand is the residual from a previous European Larch, hardwood saw timber harvest. The over story is now comprised of white ash, and sugar maple. Residual larch from the timber sale are still sparsely scattered throughout the stand. The understory of the stand has a species composition of sugar maple, black birch, and white ash regeneration of varying ages and sizes. With a BA of 96 sqft/ac and a TPA of 146.5 this stand is overstocked. The soils on this site are somewhat poorly drained.

Stand 59: Prescription

This stand is just slightly overstocked and should undergo a small thinning to bring the stand to optimal growing conditions. Lowering the basal area of the stand from 96 sqft/ac to 75 sqft /ac would release regeneration to grow as well as increase the secondary growth of the saw timber. Due to the recent harvesting operations it would be best to allow the growth from the last harvest to take place before another thinning occurs. This thinning should happen after the next inventory in 2025. This will give a better idea what species we want to target as saw timber and what species we want to remove in a thinning.

Stand Summary Table found on Page 129 of the appendix

Stand 60: Description

Stand Sixty is a 1.7 acre mixed softwood stand. Formerly a red pine / European larch plantation, this stand has been thinned at least once, most likely two times and has grown in a hardwood understory. The over story softwoods are planted in species exclusive rows. The rows of red pine are on the Southern end of the stand and the European larch are on the Northern end of the stand. With a BA of 147 sqft/ac and a TPA of 203 this stand is adequately stocked for red pine and European larch growth. Soil conditions on this site are moderately well drained at the Southern end of the stand but become somewhat poorly drained as the stand slopes off to the North.

Stand 60: Prescription

Under the current stocking conditions in this stand growth of the softwoods in the over story are growing at their maximum capacity. The understory of the stand should continue to grow as well. This stand does not need any thinning and is not ready for a timber harvest. No operations should take place in this stand at this time. Inventory will be taken in this stand in 2025 and the timber will be re-evaluated.

Stand 61: Description

Stand Sixty One is a 2.6 acre even aged young hardwood stand. This stand was harvested heavily and may have had a complete over story removal. There are scattered hardwoods that have broken out of the seedling sapling stage and there are a few mature hardwoods on the edges of the stand but the majority of the stand consists of pioneer hardwoods in the same age class. They are advanced growth seedling saplings, many of them are too small to be counted into the inventory. With a BA of 26.67 sqft/ac and a TPA of 173.2 this stand is under stocked in terms of countable trees. Realistically this stand has an adequate stocking level for its age. Most of the stems in this stand have too small of a DBH to be counted. Soil conditions in this stand are moderately well drained.

Stand 61: Prescription

No harvesting or thinning should take place in this stand. It needs time to grow and compete to put on enough size to increase the basal area of the stand. This stand will be re inventoried in 2025 and the timber will be re-evaluated. It is our hope that at that point the stand has put on significant growth and will be ready for a timber stand improvement treatment.
Stand 62: Description

Stand Sixty Two is a 10.3 acre even aged hardwood stand. The over story of this stand has a species composition of saw timber sized sugar maple, red maple, American basswood, and white ash. The understory of this stand is thick with interfering vegetation including American beech and iron wood. With a BA of 102.9 sqft/ac and a TPA of 155.8 this stand is overstocked. Soil conditions on this site are moderately well drained.

Stand 62: Prescription

This stand is ready for a saw timber harvest. Lowering the stand's BA from 102.9 sqft/ac to 75 sqft/ac. This is roughly a 25% removal that should target saw timber sized white ash, red maple, and sugar maple as well as trees of poor quality that should be sold as firewood. This harvest should not take place without applying herbicide to the interfering vegetation that exists in the understory. Without treating the interfering vegetation this stand will not regenerate after the harvest. This harvest would generate income for the county, maximize the economic value of the stand as well as create an uneven aged stand that can be harvested in sustainable rotations in the future.

Stand Summary Table found on Page 132 of the appendix

Stand 63: Description

Stand Sixty Three is a 7.7 acre uneven aged mixed wood stand. This stand has been harvested for red pine. The residual over story of the stand has a species composition of red pine, white pine, red maple, and white ash. The softwoods are spread across the whole stand but get more concentrated toward the eastern edge of the stand. The under story of the stand is comprised of firewood sized red maple, white ash, and aspen species. Poorly drained soils allow these understory species to grow well. With a BA of 102 sqft/ac and a TPA of 198 this stand is overstocked for optimal hardwood growth and under stocked for optimal red pine growth. The eastern edge of the stand where there are more concentrated mature red pine, the stand buts up against private property.

Stand 63: Prescription

Thinning the red pine in the over story at this time would lower the basal area too much and impeded primary growth and cause excessive branching that would lower the quality of the trees. Poor quality soils also make harvesting this stand difficult and only possible under frozen conditions. This stand should be left as a buffer to private property until the at least 50% of the stand is saw timber sized red pine. The stand will be re inventoried in 2025 and the timber will be evaluated.

Stand Summary Table found on Page 133 of the appendix

Stand 64: Description

Stand Sixty Four is an 18 acre hardwood seed tree cut. This means that the harvest that took place here took all but a few trees across the stand that were left to seed in and regenerate the stand. The residual trees that were left as seed trees are white ash. The remainder of the stand is a seedling / sapling stand with a species composition of Northern red oak, red maple, white ash. There is also interfering vegetation present in this stand, including American beech, and striped maple. The basal area of this stand is comprised of the seed trees that were left from the harvest. Most of the rest of the stand is too small in diameter to be counted in an inventory. With a BA of 30 sqft/ac and a TPA of 112 this stand is under stocked. Soil conditions in this site are moderately well drained.

Stand 64: Prescription

This stand needs time to grow and compete before it is ready for a timber stand improvement treatment or a firewood thinning. No harvesting or thinning should take place at this time. The stand will be re- inventoried in 2025 and the timber will be evaluated.

Stand 65: Description

Stand Sixty Five is a 20.6 acre advanced growth seedling sapling stand. This stand was part of the same harvest that took place in stand 64. The difference between stand 64 and 65 is that there were no seed trees left to seed in stand 65. This caused the stand to seed in from surrounding stands and now is less dense than stand 64. Low density in a seedling sapling is not good for competition between species and can cause excessive branching laterally and prevent the trees from growing vertically. Soil conditions on this site are moderately well drained.

Stand 65: Prescription

This stand needs time to grow and compete before it is ready for a timber stand improvement treatment or a firewood thinning. No harvesting or thinning should take place at this time. The stand will be re- inventoried in 2025 and the timber will be evaluated.

Stand 66: Description

Stand Sixty Six is a 3.9 acre uneven aged, mixed wood stand. This stand has been harvested for Norway spruce. The residual over story has a species composition of mature white pine, and scattered mature black cherry in the co dominant crown class. The understory of the stand is comprised of hardwood seedlings with interfering vegetation including striped maple, and American beech. With a BA of 86.7 and a TPA of 137 this stand is under stocked for optimal white pine growth but slightly over stocked for hardwood growth and reproduction. Soil conditions in this stand are somewhat poorly drained.

Stand 66: Prescription

Due to the low value of the value of white pine, this stand should be managed to grow the understory into a mixed wood stand that is equal parts hardwood and softwood. The over story white pine should remain to provide shade for shade tolerant hardwoods. Removing the small amount of saw timber hardwoods will lower the basal area from 86.7 sqft / ac to 75 sqft/ac will produce revenue as well as open up growing space for the hardwood seedlings to grow. This thinning should only take place in conjunction with another sale due to the small amount of harvestable hardwood saw timber.

Stand 67: Description

Stand Sixty Seven is an 11.5 acre wetland area. The area is primarily a few feet of standing water with dead tree snags throughout the middle of it. The edges of the wetland have Eastern hemlock, and white birch that are growing in shallow poorly drained soil. This stand is excellent wildlife habitat for beavers, muskrats, ducks, Canada geese, amphibians, and reptiles.

Stand 67: Prescription

This stand is being placed in protection as a wetland. No harvesting operations will take place around the edges of the wetland and the dam that holds the water in this wetland will not be removed.

Wildlife Conditions:

Wildlife can be seen in abundance at John Chase Memorial Forest. Timber harvesting activity in recent years has created this matrix of forest stands and cover types that allow for wildlife to thrive. Opening up space for light to break through the forest canopy allows growth of tree seedlings, raspberries and blackberries which in turn creates habitat for small mammals such as mice, rabbits, and ground nesting game birds. These species allow for small game hunting as well as providing prey for larger predators such as birds of prey, foxes, coyotes, Bob cats, and Black bears.

Ruffed Grouse and woodcock can be found in the young hardwood- softwood sapling stands. Mature Conifer stands and deciduous stands have yielded excellent roosting habitat for Wild Turkeys and clear cuts where Raspberries and Blackberries grown have created ample browsing opportunity for White Tail Deer and Black Bear. This property is also one of the few places in Otsego County where Snow shoe Hare can be found. Habitat will continue to grow and change as timber stands are treated. It is our goal to have diverse habitat opportunity to provide nesting, hunting and foraging for a variety of wildlife species.



Figure 4. A Snow shoe hare (lepus Americana) in it's white winter coat.

Stream Conditions:

Stream protection is an integral part of water quality maintenance and ecosystem health. The major stream that runs from the wetland in stand 67, through this property has unique characteristics such as waterfalls, and deep ravine walls where Eastern hemlock is growing in abundance. This stream shaded by the Eastern hemlocks stays cool in the summer. Cool streams such as this one provide habitat for native brook trout that depend on lower water temperatures in the heat of the summer. The stands adjacent to the streams have been placed in protection to protect the stream from rising in temperature as well as preventing sedimentation of the stream from timber harvesting or equipment operation. Where the stream goes through stands that are not protected the stream will be given a 30ft buffer on each side to protect it from sedimentation. Stream locations can be seen in **Figure 5** on page 81.

Streams



Figure 5. Stream locations in John W. Chase Memorial Forest.

Trail Conditions:

Extensive timber harvesting has taken place on this forest property. In the wake of these timber harvests there were many trails left from the process of skidding out wood. These trails are navigable but need to be leveled off and drained in many locations. It is our goal to obtain funding to repair these skid trails for recreational use and for the use of future timber sales. In the future when a trail is used in a sale, it will be a requirement of the sale to repair the trail to it's previous condition.

Snow mobile trails will be maintained by the local snow mobile clubs in the winter months of the year. These trails can be used as skid trails for timber harvesting but will be repaired to previous conditions once the sale contract is complete.





Figure 6. Skid and snow mobile trails located on John W. Chase Memorial Forest.

Invasive Species Condition:

Invasive species are any plant, animal, and insect species that are not "native" or naturally found in an ecosystem. When these species are introduced to an ecosystem they can cause irreparable damage because they work outside the checks and balances that regulate the native species in an ecosystem. They can out compete species that they share the same niche within an ecosystem, or thrive and over consume natural resources because there are no predators in the ecosystem that keep the populations at a healthy level. In Otsego County the most prevalent invasive species that threaten forests are the Emerald Ash Borer, and the Black and Pale Swallowwort, and the Hemlock Wooly Adelgid.

The Emerald Ash Borer lays eggs in the cambium of white ash trees. These larvae feed on the cambium of the ash trees and destroy their nutrient transport system. Ash trees infected with Emerald Ash Borer will show canopy dieback, yellowing, browning of leaves, and "D" shaped holes in their bark. No sign of Emerald Ash Borer has been found on Dozen Dads County Forest but Otsego County is inside the Emerald Ash Borer Restricted Zone set up by the New York State Department of Environmental Conservation (DEC).

Black and Pale Swallowwort have been found in Otsego County. This invasive species dominates the forest floor once they are introduced. They grow so aggressively that they do not allow any native species to occupy the same growing space. This species has not been found on Dozen Dads County forest but has been found in the county. The Emerald Ash Borer and the Swallowwort will be searched for in the next forest inventory.

The Hemlock Wooly Adelgid is an invasive aphid like insect that attacks and feeds on North American hemlocks. Once this species attacks a host tree it's juvenile called "crawlers" will feel on the starches of the tree through the base of its needles. A hemlock infected with Hemlock Wooly Adelgid will start to decline in health and within ten years the tree will die. These invasive insects have been found across the southern part of New York State and have been moving north. Hemlock Wooly Adelgid have been found in Otsego County as far North as the town of Milford as of 2013. Although it has not been found on John W. Chase Memorial Forest, the mature hemlocks that line the banks of the streams on this property are in danger of Hemlock Wooly Adelgid infection.



Figure 7. An Emerald Ash Borer (Agrilus planipennis) with its wings spread.



Figure 8. Black Swallowwort (Cynanchum louiseae)



Figure 9. Hemlock Wooly Adelgid (Eriosomatidae) ovisacs and Juvenile "crawlers" on Eastern hemlock needles.

Standards and Guidelines

To sustainably manage forests, timber harvesting has to be used as a tool to improve forest stands until they are ready to be converted into different stand types. By removing targeted amounts and species of timber in each treatment entry to a stand, allow you to harvest forest products more than once while improving the residual stand. Using the principles of Silviculture, forest treatments will mimic natural events that thin forests such as tornados, ice storms, forest fires and micro bursts. This helps maintain a healthy ecosystem and ensures forest products for future harvesting. No harvesting will take place on this forest without the establishment or replacement of regeneration in a stand. By using this harvesting practice there will always be a residual forest stand after the harvest is complete.

Although there are no laws in New York State mandating timber harvesting practices. Otsego County will be using the New York State Forestry Best Management Practices for Water Quality (BMPs) to set up all harvesting plans and contracts. These BMPs will protect streams and other water bodies from sedimentation, and prevent soil erosion from harvesting equipment. Following these standards and guidelines will ensure natural, productive, and well rounded future for Otsego county forests.

Monitoring

To track this forest's growth progress, forest health, and visitor safety a re-inventory will be done every seven years. Seven years allows a forest stand time to recover from harvests, regenerate an understory, and improve timber quality. Using a fifteen year harvesting rotation a seven year inventory rotation will give us the opportunity to track these progressions about half way through the stands cutting rotation. The progress of the stands will be recorded during these inventories and will be reported and revised in management plans.

Appendix

Stand Summary Tables

Stand Number: 1			Area (acres): 0.9
Stand ID: 1			3/20/18
Product Group Product Species-Volume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White PineInter 78/	82.6	130.00	19,898.4
Total	82.6	130.00	19,898.4
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Red Maple-Inter 78/	7.4	6.67	480.9
Total	7.4	6.67	480.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	31.8	23.33	5.6
Total	31.8	23.33	5.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	57.1	13.33	1.2
Iron WoodRGO Cords-Logs/	5.1	3.33	0.2
Total	62.1	16.67	1.4
Stand Total	183.9	176.67	

Area (acres): 1.8

3/20/18

Product Group Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Ash-Inter 78/	3.6	5.00	379.6
Black Cherry-Inter 78/	6.4	5.00	213.9
Aspen-Inter 78/	2.3	5.00	391.9
Total	12.2	15.00	985.4
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	4.7	5.00	0.6
Total	4.7	5.00	0.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
AshRGO Cords-Logs/	6.4	5.00	0.9
Total	6.4	5.00	0.9
Stand Total	23.3	25.00	

Stand Number: 6		A	rea (acres): 0.8
Stand ID: 6			3/20/18
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
AshInter 78/	3.1	3.33	243.2
Total	3.1	3.33	243.2
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red PineRGO Cords-Logs/	9.5	3.33	0.5
Total	9.5	3.33	0.5
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
AshRGO Cords-Logs/	35.7	13.33	1.4
Total	35.7	13.33	1.4
Stand Total	48.4	20.00	

Stand ID: 7			3/21/18
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			\$
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	38.9	58.67	7,422.1
Total	36.9	56.67	7,422.1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Ash-Inter 78/	2.4	3.33	253.1
AspenInter 78/	5.0	6.67	499.7
Total	7.4	10.00	752.8
Pine Pulpwood			0
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	83.0	83.33	23.7
Red PineRGO Cords-Logs/	12.5	3.33	0.5
Total	95.5	86.67	24.2
Hardwood Pulpwood			6
Pulpwood	#	Sqr Feet	Cords
AshRGO Cords-Logs/	114.1	30.00	4.0
AspenRGO Cords-Logs/	1.8	3.33	0.4
Class 1 Snag	#	Sqr Feet	Cords
SnagRGO Cords-Logs/	9.5	3.33	0.3
Total	125.5	36.67	4.6
Stand Total	265.3	190.00	

Stand Total

Stand Number: 7

Area (acres): 2.3

Stand Number: 10		Are	ea (acres): 11.7
Stand ID: 10			3/21/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White PineInter 78/	4.7	7.14	1,163.2
Total	4.7	7.14	1,163.2
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red Oak-Inter 78/	1.2	1.43	107.1
Red MapleInter 78/	1.0	1.43	108.5
Total	2.2	2.86	215.6
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	6.8	7.14	2.0
Total	6.8	7.14	2.0
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red OakRGO Cords-Logs/	16.4	1.43	0.2
Sugar MapleRGO Cords-Logs/	65.0	10.00	1.2
Red MapleRGO Cords-Logs/	34.4	5.71	0.6
AshRGO Cords-Logs/	22.1	14.29	2.2
Black CherryRGO Cords-Logs/	19.1	5.71	0.6
BeechRGO Cords-Logs/	16.4	1.43	0.2
Total	173.3	38.57	5.0
Stand Total	187.0	55.71	

Stand Number: 11		A	rea (acres): 1.1
Stand ID: 11			3/22/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	45.1	63.33	10,814.3
Tamarack-Inter 78/	5.5	6.67	1,104.9
Total	50.6	70.00	11,919.2
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Sugar MapleInter 78/	4.2	3.33	237.7
BirchInter 78/	3.6	3.33	242.3
Total	7.9	6.67	480.0
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	32.7	33.33	10.6
Total	32.7	33.33	10.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red OakRGO Cords-Logs/	9.5	3.33	0.3
Red MapleRGO Cords-Logs/	17.0	3.33	0.3
Birch-RGO Cords-Logs/	10.4	6.67	0.7
Total	36.9	13.33	1.2
Stand Total	128.0	123.33	

Stand Nu	mber:	12
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Area (acres): 8.1

3/	22	/1	8
			-

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Northern Red OakInter 78/	2.5	2.00	142.6
BasswoodInter 78/	3.6	4.00	400.1
Sugar MapleInter 78/	33.9	34.00	2,652.2
Red Maple-Inter 78/	15.2	18.00	1,558.4
Black Cherry-Inter 78/	6.2	6.00	439.1
Total	61.5	64.00	5,190.5
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red OakRGO Cords-Logs/	3.0	2.00	0.2
BasswoodRGO Cords-Logs/	3.0	2.00	0.5
Sugar MapleRGO Cords-Logs/	27.7	10.00	1.0
Red MapleRGO Cords-Logs/	8.6	6.00	0.8
AshRGO Cords-Logs/	20.4	4.00	0.4
Black CherryRGO Cords-Logs/	3.0	2.00	0.2
BeechRGO Cords-Logs/	59.9	18.00	2.3
Iron WoodRGO Cords-Logs/	40.7	2.00	0.4
Total	166.5	46.00	5.9
Stand Total	227.9	110.00	

3/22/18

Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White PineInter 78/	12.1	15.00	2,210.9
Norway Spruce-Inter 78/	28.0	47.50	8,186.6
Red PineInter 78/	40.8	50.00	8,549.3
TamarackInter 78/	21.1	27.50	4,513.5
Total	100.0	140.00	23,460.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Black Cherry-Inter 78/	1.8	2.50	189.8
AspenInter 78/	3.8	5.00	377.2
Total	5.6	7.50	567.0
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	15.2	17.50	5.2
Norway SpruceRGO Cords-Logs/	8.4	7.50	2.6
Red PineRGO Cords-Logs/	17.7	12.50	3.7
Total	41.3	37.50	11.8
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	34.3	5.00	0.8
Red MapleRGO Cords-Logs/	7.2	2.50	0.2
AshRGO Cords-Logs/	3.8	2.50	0.4
Black CherryRGO Cords-Logs/	9.3	7.50	1.1
Total	54.5	17.50	2.2
Stand Total	201.5	202.50	

Area (acres): 24.2

2/22/40
3/23/10

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
White Pine-Inter 78/	10.0	16.92	2,998.0
Norway Spruce-Inter 78/	1.0	2.31	458.3
Red PineInter 78/	1.3	2.31	410.0
Total	12.3	21.54	3,864.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Red Maple-Inter 78/	0.8	0.77	55.9
AshInter 78/	0.e	0.77	35.0
Black Cherry-Inter 78/	1.6	2.31	175.3
Total	3.0	3.85	266.2
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	6.1	6.15	1.8
Norway SpruceRGO Cords-Logs/	12.5	3.08	0.3
Total	18.6	9.23	2.1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red OakRGO Cords-Logs/	1.2	0.77	0.1
AshRGO Cords-Logs/	29.1	4.62	0.5
Black CherryRGO Cords-Logs/	24.5	3.85	0.4
Total	54.7	9.23	1.0
Stand Total	<mark>88.6</mark>	43.85	

Stand Number: 15		A	rea (acres): 4.8
Stand ID: 15			3/29/1
Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	49.1	75.00	10,842.7
Total	49.1	75.00	10,842.7
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
AshInter 78/	6.3	12.50	1,260.8
Total	6.3	<mark>12.5</mark> 0	1,260.8
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	44.0	42.50	11.3
Norway SpruceRGO Cords-Logs/	6.1	5.00	1.3
Total	50.1	47.50	12.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red Oak-RGO Cords-Logs/	50.9	2.50	0.4
AshRGO Cords-Logs/	36.9	15.00	2.6
Black CherryRGO Cords-Logs/	29.1	10.00	1.2
Total	116.9	27.50	4.3
Stand Total	222.4	162.50	

Stand ID: 17

4

3/29/18

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			- Consector Conversion
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	32.9	45.71	6,524.4
Norway Spruce-Inter 78/	8.1	10.00	1,415.2
Red PineInter 78/	3.4	5.71	1,043.8
Total	44.4	61.43	8,983.5
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Sugar Maple-Inter 78/	1.0	1.43	148.3
Ash-Inter 78/	5.9	8.57	767.3
Black Cherry-Inter 78/	2.6	2.86	268.0
Total	9.6	12.86	1,181.6
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	43.3	44.29	11.6
Norway SpruceRGO Cords-Logs/	7.9	5.71	1.1
Total	51.1	50.00	12.7
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	10.5	1.43	0.0
AshRGO Cords-Logs/	13.1	12.86	2.5
Black CherryRGO Cords-Logs/	24.4	5.71	0.4
AspenRGO Cords-Logs/	0.8	1.43	0.2
Total	48.8	21.43	3.0
Stand Total	153.9	145.71	
Stand Total	153.9	145.71	

Stand ID: 18			3/29/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Red PineInter 78/	47. <mark>3</mark>	70.00	11,827.6
Total	47.3	70.00	11,827.6
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Sugar Maple-Inter 78/	12.7	10.00	713.0
AshInter 78/	4.3	6.67	729.7
Black Cherry-Inter 78/	4.2	3.33	237.7
Total	21.3	20.00	1,680.4
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	57.2	33.33	3.8
Red MapleRGO Cords-Logs/	9.5	3.33	0.3
AshRGO Cords-Logs/	107.2	20.00	2.0
Black CherryRGO Cords-Logs/	4.2	3.33	0.4
Total	178.2	60.00	6.5
Stand Total	246.8	150.00	

Stand Total

Stand Number: 18

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Area (acres): 2.4

Stand Number: 19		A	rea (acres): 2.4
Stand ID: 19			3/29/18
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Sugar MapleInter 78/	4.2	3.33	166.4
Black Cherry-Inter 78/	14.6	13.33	825.1
Total	18.9	16.67	991.4
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	92.7	36.67	3.6
AshRGO Cords-Logs/	20.9	13.33	1.8
Black CherryRGO Cords-Logs/	86.0	30.00	3.6
Total	199.6	80.00	9.0
Stand Total	218.4	96.67	

Stand ID: 21

4/2/18

Product species—Volume Table 1/2 # Trees Basal Area Pine Sawtimber # Say Feet Sawtimber # Say Feet White Pine—Inter 78/ Red Pine—Inter 78/ Total 0.0 13.33 128.5 158.33 Total 134.4 166.67 Hardwood Sawtimber # Sar Feet Sar Feet Black Cherry—Inter 78/ Total 8.5 6.67 Hardwood Pulpwood # Say Feet Say Feet Pulpwood # Say Feet Say Feet Black Cherry—RGO Cords-Logs/ 17.1 6.67 Black Cherry—RGO Cords-Logs/ 30.5 23.33 Beach—RGO Cords-Logs/ 82.1 16.67 Binch Cherry—RGO Cords-Logs/ 33.3 33.33 Total 126.6 50.00				Product Group
# Sar Feet Sawtimber # Sar Feet White Pine-Inter 78/ 6.0 13.33 Red Pine-Inter 78/ 128.5 153.33 Total 134.4 166.67 Hardwood Sawtimber # Sar Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Sawtimber # Sar Feet Black Cherry-Inter 78/ 8.5 6.67 Hardwood Pulpwood # Sar Feet Black Cherry-RGO Cords-Logs/ 17.1 6.67 Black Cherry-RGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 62.1 10.67 Birch-RGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	Volume 1	Basal Area	# Trees	Product
Pine Sawtimber Sawtimber # Sqr Feer White Pine-Inter 78/ 6.0 13.33 Red Pine-Inter 78/ 128.6 153.33 Total 134.4 166.67 Hardwood Sawtimber # Sqr Feer Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Sawtimber 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sqr Feer Pulpwood # Sqr Feer Red MapleRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 17.1 6.67 BinchRGO Cords-Logs/ 17.0 3.33 Total 17.0 3.33				Species-Volume Table 1/2
Sawtimber # Say Feet White Pine-Inter 78/ 6.0 13.33 Red Pine-Inter 78/ 128.6 153.33 Total 134.4 166.67 Hardwood Sawtimber # Say Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Say Feet Pulpwood # Say Feet Black CherryRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.6 23.33 BeechRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.6 23.33 Beech-RGO Cords-Logs/ 11.0 6.67 Birch-RGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00				Pin <mark>e Sawtimber</mark>
White Pine-Inter 78/ 6.0 13.33 Red Pine-Inter 78/ 128.6 153.33 Total 134.4 166.67 Hardwood Sawtimber # Sqr Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sqr Feet Pulpwood # Sqr Feet Black Cherry-RGO Cords-Logs/ 17.1 6.67 Black Cherry-RGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 62.1 16.67 Birch-RGO Cords-Logs/ 17.0 3.32 Total 126.6 50.00	Board Feet	Sqr Feet	#	Sawtimber
Red Pine-Inter 78/ 128.5 153.33 Total 134.4 166.67 Hardwood Sawtimber # Sqr Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sqr Feet Red Maple-RGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 82.1 16.67 Binch-RGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 30.5 23.33 Broth-RGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	2,585.0	13.33	6.0	White Pine-Inter 78/
Total 134.4 166.67 Hardwood Sawtimber # Sqr Feet Sawtimber # Sqr Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sqr Feet Red MapleRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 8.21 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	25,916.2	153.33	128.5	Red Pine-Inter 78/
Hardwood Sawtimber Sawtimber # Sqr Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sqr Feet Red Maple-RGO Cords-Logs/ 17.1 6.67 Black Cherry-RGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 82.1 16.67 Birch-RGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	28,501.2	166.67	134.4	Total
Sawtimber # Sgr Feet Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sgr Feet Red Maple-RGO Cords-Logs/ 17.1 6.67 Black Cherry-RGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 82.1 16.67 Birch-RGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00				Hardwood Sawtimber
Black Cherry-Inter 78/ 8.5 6.67 Total 8.5 6.67 Hardwood Pulpwood # Sqr Feet Red MapleRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 82.1 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	Board Feet	Sqr Feet	#	Sawtimber
Total 8.5 6.67 Hardwood Pulpwood # Sqr Feet Red MapleRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 62.1 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	358.5	6.67	8.5	Black Cherry–Inter 78/
Hardwood Pulpwood # Sqr Feet Pulpwood # Sqr Feet Red MapleRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 62.1 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	356.5	6.67	8.5	Total
Pulpwood # Sqr Feet Red Maple-RGO Cords-Logs/ 17.1 6.67 Black Cherry-RGO Cords-Logs/ 30.5 23.33 Beech-RGO Cords-Logs/ 62.1 16.67 Birch-RGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00				Hardwood Pulpwood
Red MapleRGO Cords-Logs/ 17.1 6.67 Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 62.1 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	Cords	Sqr Feet	#	Pulpwood
Black CherryRGO Cords-Logs/ 30.5 23.33 BeechRGO Cords-Logs/ 62.1 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	0.5	6.67	17.1	Red MapleRGO Cords-Logs/
BeechRGO Cords-Logs/ 62.1 16.67 BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	2.8	23.33	30.5	Black CherryRGO Cords-Logs/
BirchRGO Cords-Logs/ 17.0 3.33 Total 126.6 50.00	0.7	16.67	62.1	BeechRGO Cords-Logs/
Total 126.6 50.00	0.3	3.33	17.0	BirchRGO Cords-Logs/
	4.4	50.00	126.6	Total
Stand Total 269.5 223.33		223.33	269.5	Stand Total

Stand Number: 22		A	rea (acres): 1.4
Stand ID: 22			4/2/18
Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	(#S	Sqr Feet	Board Feet
Scotch PineInter 78/	104.5	126.67	19,068.6
Total	104.5	126.67	19,068.6
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Birch-Inter 78/	4.2	3.33	178.3
Total	4.2	3.33	178.3
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Scotch PineRGO Cords-Logs/	129.0	50.00	6.5
Total	129.0	50.00	6.5
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	12.2	6.67	0.8
Black CherryRGO Cords-Logs/	5.1	3.33	0.4
BirchRGO Cords-Logs/	6.1	3.33	0.3
Total	23.4	13.33	1.5
Stand Total	261.1	193.33	

Stand ID: 29			4/2/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Sugar Maple-Inter 78/	62.6	77.50	6,920.6
Red MapleInter 78/	2.7	5.00	585.4
AshInter 78/	1.3	2.50	335.2
Total	66.6	85.00	7,821.1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	67.5	27.50	2.8
AshRGO Cords-Logs/	12.7	2.50	0.2
BeechRGO Cords-Logs/	30.2	10.00	0.7
Total	110.4	40.00	3.8
Stand Total	177.0	125.00	

Area (acres): 6.4

Stand ID: 31			4/3/18
Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Norway SpruceInter 78/	2.2	2.00	282.1
White SpruceInter 78/	1.2	2.00	354.1
Total	3.4	4.00	636.1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Red MapleInter 78/	0.7	1.00	102.4
AshInter 78/	1.1	1.00	97.6
Black Cherry-Inter 78/	0.5	1.00	43.1
Total	2.3	3.00	243.2
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Norway SpruceRGO Cords-Logs/	13.3	2.00	0.1
Total	13.3	2.00	0.1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red Oak-RGO Cords-Logs/	8.8	2.00	0.2
Sugar MapleRGO Cords-Logs/	5.1	1.00	0.1
Red MapleRGO Cords-Logs/	17.1	5.00	0.5
AshRGO Cords-Logs/	6.1	4.00	0.4
Black CherryRGO Cords-Logs/	20.4	8.00	0.8
BeechRGO Cords-Logs/	3.3	2.00	0.3
BirchRGO Cords-Logs/	21.8	6.00	0.5
Total	82.7	28.00	2.7
Stand Total	101.6	37.00	

Area (acres): 24.8

Area (acres): 0.8

Stand ID: 32

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4/3/18

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Norway Spruce-Inter 78/	60.8	83.33	12,953.9
Total	60.8	83.33	12,953.9
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
BasswoodInter 78/	1.9	3.33	256.5
AshInter 78/	23.4	36.67	3,627.9
Black Cherry-Inter 78/	9.7	13.33	858.5
Total	35.0	53.33	4,742.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Norway SpruceRGO Cords-Logs/	15.2	10.00	2.5
Total	15.2	10.00	2.5
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
AshRGO Cords-Logs/	26.3	20.00	3.4
Total	26.3	20.00	3.4
Stand Total	137.2	166.67	

Stand ID: 33			4/3/18
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White PineInter 78/	3.0	4.29	646.7
Norway SpruceInter 78/	4.5	4.29	382.5
Total	7.4	8.57	1,029.2
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Black Cherry-Inter 78/	1.0	1.43	108.5
Total	1.0	1.43	108.5
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	1.8	1.43	0.3
Norway SpruceRGO Cords-Logs/	8.8	5.71	0.8
Total	10.6	7.14	1.1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red Oak-RGO Cords-Logs/	16.4	1.43	0.1
Sugar MapleRGO Cords-Logs/	15.4	8.57	0.9
Red MapleRGO Cords-Logs/	23.3	8.57	0.6
AshRGO Cords-Logs/	32.4	20.00	2.1
Black CherryRGO Cords-Logs/	74.2	17.14	1.3
BirchRGO Cords-Logs/	16.4	<mark>1.43</mark>	0.1
Total	177.9	57.14	5.0
Stand Total	197.0	74.29	

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Area (acres): 12.1
Stand ID: 34			4/5/1
Product Group Product Species—Volume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Norway SpruceInter 78/	13.9	28.67	5,287.7
Total	13.9	26.67	5,287.7
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Black Cherry-Inter 78/	2.4	3.33	258.0
Total	2.4	3.33	256.0
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Norway SpruceRGO Cords-Logs/	14.3	10.00	2.5
Total	14.3	10.00	2.5
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	18.6	13.33	1.6
AshRGO Cords-Logs/	42.2	13.33	1.0
Black CherryRGO Cords-Logs/	32.1	13.33	1.4
Total	92.9	40.00	4.0
Stand Total	123.5	80.00	

Area (acres): 3.9

Stand ID: 36

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4/5/18

Product Group			
Product	# Trees	Basal Area	Volume 1
Species-Volume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
White PineInter 78/	4.1	6.25	813.1
HemlockInter 78/	6.9	11.25	1,196.3
Norway SpruceInter 78/	0.5	1.25	281.7
White SpruceInter 78/	3.2	2.50	206.9
Total	14.6	21.25	2,497.9
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Fee
Sugar Maple-Inter 78/	8.0	11.25	811.9
Red MapleInter 78/	2.6	3.75	285.0
AshInter 78/	2.1	2.50	186.
Black Cherry-Inter 78/	7.6	8.75	692.3
Birch-Inter 78/	4.6	5.00	387.0
Total	24.9	31.25	2,362.
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	1.6	1.25	0.3
HemlockRGO Cords-Logs/	8.8	3.75	0.4
Norway SpruceRGO Cords-Logs/	33.6	15.00	2.
White SpruceRGO Cords-Logs/	5.8	2.50	0.3
Total	49.9	22.50	3.
Hardwood Pulpwood			
Pulpwood	*	Sqr Feet	Cord
Sugar MapleRGO Cords-Logs/	31.8	6.25	0.6
Red MapleRGO Cords-Logs/	17.0	7.50	1.0
AshRGO Cords-Logs/	5.5	2.50	0.3
Beech-RGO Cords-Logs/	6.4	1.25	0.1
Birch-RGO Cords-Logs/	35.2	16.25	(1.
Total	95.8	33.75	3.
Stand Total	185.2	108.75	

Stand ID: 37

4/9/18

Product Group Product	# Trees	Basal Area	Volume 1
species—volume i able 1/2			
Pine Sawtimper			
Sawtimber	#	Sqr Feet	Board Feel
White PineInter 78/	3.0	4.67	704.4
Total	3.0	4.67	704.4
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Sugar MapleInter 78/	1.9	2.00	147.5
Red Maple-Inter 78/	1.2	1.33	97.3
AshInter 78/	1.2	2.67	266.5
Black Cherry-Inter 78/	1.7	2.00	202.9
BirchInter 78/	1.3	1.33	77.6
Total	7.4	9.33	791.8
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	4.5	2.67	0.4
Norway SpruceRGO Cords-Logs/	<mark>22</mark> .1	6.00	0.7
Total	26.5	8.67	1.1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red Oak-RGO Cords-Logs/	14.5	2.67	0.3
Red MapleRGO Cords-Logs/	1.9	0.67	0.1
AshRGO Cords-Logs/	18.4	6.67	0.8
Black CherryRGO Cords-Logs/	16.9	6.00	0.5
BeechRGO Cords-Logs/	9.2	2.67	0.3
BirchRGO Cords-Logs/	0.C	0.67	0.1
AspenRGO Cords-Logs/	1.2	0.67	0.1
Total	62.7	20.00	2.0
Stand Total	99.7	42.67	

Area (acres): 13.7

Stand ID: 38

A 14	-	74	0
4/ 1		/ 1	0

Product specie-volume Table 12 # Trees Basal Area Volume 1 Pine Sawtimber	Product Group			
Specier-Volume Table 12 Pine Sawtimber Sawtimber # Spr Feer Board Fee White Pine-Inter 78/ 9.0 11.43 1.700. Hemlock-Inter 78/ 1.5 2.86 4793. Norway Spruce-Inter 78/ 1.5 2.86 4793. Norway Spruce-Inter 78/ 1.5 2.86 4793. HardWood Sawtimber Sar Feer Board Feer Board Feer Sawtimber # Sqr Feer Board Feer Northern Red Oak-Inter 78/ 5.1 8.67 1.023. Black Cherry-Inter 78/ 1.8 1.43 1.021. Black Cherry-Inter 78/ 1.8 1.43 1.011. Total 29.2 32.86 3,039./ Pine Pulpwood # Sqr Feet Cord White Pine-R80 Cords-Logs/ 18.0 5.71 0.1 Hemlock-R60 Cords-Logs/ 19.0 5.71 0.1 Memlock-R80 Cords-Logs/ 22.2 1.43 7.7 Norway Spruce-R80 Cords-Logs/ 37.7<	Product	# Trees	Basal Area	Volume 1
Pine Sawtimber # Sqr Feet Board Feet White Pine-Inter 78/ 9.0 11.43 1.700. Norway Spruce-Inter 78/ 1.5 2.86 479. Norway Spruce-Inter 78/ 17.1 15.7 2.004.1 Total 27.6 30.00 4,183.2 Hardwood Sawtimber # Sqr Feet Board Feet Sawtimber # Sqr Feet Board Feet Northern Red Oak-Inter 78/ 5.1 8.57 1.023. Black Cheny-Inter 78/ 4.7 4.23 300.0 Black Cheny-Inter 78/ 1.8 1.49 101.1 Total 29.2 32.86 3,039.1 Pine Pulpwood # Sqr Feet Cord White Pine-RGO Cords-Logs/ 19.0 5.71 0.1 Hemiock-RGO Cords-Logs/ 40.7 15.71 2.2 Norway Spruce-RGO Cords-Logs/ 40.7 15.71 2.2 Norway Spruce-RGO Cords-Logs/ 2.2 1.43 0.7 Norway Spruce-RGO Cords-Logs/	SpeciesVolume Table 1/2			
Savtimber # Sav Feet Board Feet White Pine-Inter 78/ 9.0 11.43 1.700 Hemlock-Inter 78/ 1.5 2.86 4781 Norway Spruce-Inter 78/ 17.1 15.71 2.004. Total 27.6 30.00 4,183. Hardwood Sawtimber # Sav Feet Board Feet Sawtimber # Save Feet Board Feet Norway Spruce-Inter 78/ 5.1 8.57 1.023. Red Maple-Inter 78/ 4.7 4.29 360. Block Cherny-Inter 78/ 1.8 1.43 101. Block Cherny-Inter 78/ 1.8 1.43 101. Total 29.2 32.86 3,039./ Pine Pulpwood # Save Feet Cord White Pine-RGO Cords-Logs/ 19.0 5.71 0.0 Hemlook-RGO Cords-Logs/ 40.7 15.71 2.0 Norway Spruce-RGO Cords-Logs/ 22 1.43 0. Norway Spruce-RGO Cords-Logs/ 33.6	Pine Sawtimber			
White Pine-Inter 78/ 9.0 11.42 1,700. Hemilock-Inter 78/ 1.6 2.86 478. Norway Spruce-Inter 78/ 17.1 15.71 2.004. Total 27.6 30.00 4,183. Hardwood Sawtimber * Say Feet Board Feet Northern Red Oak-Inter 78/ 5.1 8.57 1.023. Hardwood Sawtimber 4.7 4.23 300. Black Cherry-Inter 78/ 17.6 18.57 1.023. Black Cherry-Inter 78/ 1.8 1.42 101. Total 29.2 32.86 3,039. Pine Pulpwood * Say Feet Cord White Pine-RGO Cords-Logs/ 40.7 15.71 0.0 White Pine-RGO Cords-Logs/ 22 1.43 0. Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4. Red Pine-RGO Cords-Logs/ 22 1.43 0. Total 139.6 51.43 7. Hardwood Pulpwood * Spr Feet </td <td>Sawtimber</td> <td>#</td> <td>Sqr Feet</td> <td>Board Feet</td>	Sawtimber	#	Sqr Feet	Board Feet
HemilookInter 78/ 1.6 2.86 479.1 Norway Spruce-Inter 78/ 17.1 15.71 2.004.2 Total 27.6 30.00 4,183.3 Hardwood Sawtimber 27.6 30.00 4,183.3 Hardwood Sawtimber \$.97 Feet Board Feet Northern Red OakInter 78/ 5.1 8.57 1.023. Biack CherryInter 78/ 17.6 18.57 1.564.1 Birch-Inter 78/ 1.8 1.43 101.1 Total 29.2 32.86 3,039.1 Pine Pulpwood # Sar Feet Cond White Pine-RGO Cords-Logs/ 19.0 5.71 0.1 Norway Spruce-RGO Cords-Logs/ 10.1 10.1 Norway Spruce-RGO Cords-Logs/ 22 1.43 0.1 Norway Spruce-RGO Cords-Logs/ 22.2 1.43 0.1 Norway Spruce-RGO Cords-Logs/ 22.2 1.43 0.1 Norway Spruce-RGO Cords-Logs/ 22.2 1.43 0.1 Binch-RGO Cords-Logs	White Pine-Inter 78/	9.0	11.43	1,700.2
Norway Spruce-Inter 78/ 17.1 15.71 2.004.3 Total 27.6 30.00 4,183.3 Hardwood Sawtimber # Sgr Feet Board Feet Northern Red Oak-Inter 78/ 5.1 8.57 1.023. Red Maple-Inter 78/ 5.1 8.57 1.023. Black Cherry-Inter 78/ 1.8 1.47 4.28 300.0 Black Cherry-Inter 78/ 1.8 1.43 101.3 1.43 101.3 Bloch-Inter 78/ 1.8 1.43 101.3 1.43 101.3 Dich-Inter 78/ 1.8 1.43 101.3 1.43 101.3 Dich-Inter 78/ 1.8 1.43 101.3 1.43 101.3 Pine Pulpwood # Say Feet Cord White Pine-RGO Cords-Logs/ 1.0 5.71 0.0 Hemlock-RGO Cords-Logs/ 1.3 1.43 0.3 Norway Spruce-RGO Cords-Logs/ 2.2 1.43 0.3 Hardwood Pulpwood # Say Feet Cord <td>Hemlock-Inter 78/</td> <td>1.5</td> <td>2.86</td> <td>479.5</td>	Hemlock-Inter 78/	1.5	2.86	479.5
Total 27.6 30.00 4,183.1 Hardwood Sawtimber Sawtimber Say Feet Board Feet Northern Red Oak-Inter 78/ 5.1 8.57 1.023. Red Maple-Inter 78/ 4.7 4.28 320.0 Black Cherry-Inter 78/ 1.8 1.47 4.28 320.0 Black Cherry-Inter 78/ 1.8 1.43 101.1 10.1 101.1 Total 29.2 32.86 3,039.4 101.1	Norway SpruceInter 78/	17.1	15.71	2,004.2
Hardwood Sawtimber Sawtimber # Sgr Feet Board Feet Northern Red OakInter 78/ 5.1 8.57 1.023. Red MapleInter 78/ 4.7 4.23 3200. Black CherryInter 78/ 17.6 18.57 1.023. BirchInter 78/ 1.8 1.43 1011. Total 29.2 32.86 3,039./ Pine Pulpwood # Sgr Feet Cond White PineRGO Cords-Logs/ 19.0 5.71 0.1 Norway Spruce-RGO Cords-Logs/ 40.7 15.71 2.1 Norway Spruce-RGO Cords-Logs/ 2.2 1.43 0.1 Norway Spruce-RGO Cords-Logs/ 2.2 1.43 0.1 Total 139.6 51.43 7.1 Hardwood Pulpwood # Sgr Feet Cond Red MapleRGO Cords-Logs/ 37.1 22.86 3. Black CherryRGO Cords-Logs/ 37.1 22.86 3. Black Cherry-RGO Cords-Logs/ 14.3 8.57 1.1	Total	27.6	30.00	4,183.9
Sawtimber # Sar Feet Board Feet Northern Red Oak-Inter 78/ 5.1 8.57 1,023. Red Maple-Inter 78/ 4.7 4.25 350.0 Block Cherry-Inter 78/ 17.6 18.57 1,064. Birch-Inter 78/ 1.8 1.43 101.3 Total 29.2 32.86 3,039.4 Pulpwood # Sar Feet Cord White Pine-RGO Cords-Logs/ 18.0 5.71 0.0 Hemlock-RGO Cords-Logs/ 40.7 15.71 22 Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4. Red Pine-RGO Cords-Logs/ 77.7 28.57 4. Red Pine-RGO Cords-Logs/ 77.7 28.57 4. Red Pine-RGO Cords-Logs/ 77.7 28.57 1.1 Birch-RGO Cords-Logs/ 37.1 22.96 3. Black Cherry-RGO Cords-Logs/ 37.1 22.96 3. Birch-RGO Cords-Logs/ 14.3 8.57 1.1 Beech-RGO Cords-Logs/ 8.5<	Hardwood Sawtimber			
Northern Red Oak-Inter 78/ 5.1 8.57 1.023. Red Maple-Inter 78/ 4.7 4.28 350. Black Cherry-Inter 78/ 17.6 18.57 1.664. Birch-Inter 78/ 1.8 1.43 101. Total 29.2 32.86 3,039./ Pine Pulpwood # Sqr Feet Cond White Pine-RGO Cords-Logs/ 19.0 5.71 0.1 Hemlock-RGO Cords-Logs/ 40.7 16.71 22. Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4. Red Maple-RGO Cords-Logs/ 2.2 1.43 0. Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cond Red Maple-RGO Cords-Logs/ 37.1 22.86 3. Black Cherry-RGO Cords-Logs/ 37.1 22.86 3. Black Cherry-RGO Cords-Logs/ 14.3 8.57 1. Black Cherry-RGO Cords-Logs/ 18.4 1.43 0. Birch-RGO Cords-Logs/ 8.5 </td <td>Sawtimber</td> <td>#</td> <td>Sqr Feet</td> <td>Board Feet</td>	Sawtimber	#	Sqr Feet	Board Feet
Red Maple-Inter 78/ 4.7 4.28 350.0 Black Cherry-Inter 78/ 17.6 18.57 1.664.1 Birch-Inter 78/ 1.8 1.43 101.1 Total 29.2 32.86 3,039.4 Pine Pulpwood # Sqr Feet Cord White Pine-RGO Cords-Logs/ 19.0 5.71 0.1 Hemlock-RGO Cords-Logs/ 40.7 15.71 2.2 Norway Spruce-RGO Cords-Logs/ 40.7 15.71 2.2 Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4.4 Red Pine-RGO Cords-Logs/ 7.7 28.57 4.3 Total 139.6 51.43 7.5 Hardwood Pulpwood # Sqr Feet Cord Red Maple-RGO Cords-Logs/ 37.1 22.86 3.4 Black Cherry-RGO Cords-Logs/ 37.1 22.86 3.4 Black Cherry-RGO Cords-Logs/ 14.3 8.57 1.4 Black Cherry-RGO Cords-Logs/ 8.5 5.71 0.4 Birch-RGO Cords-Logs/ 8.5 5.71 0.4 Birch-RGO Cords-Logs/ 8.	Northern Red Oak-Inter 78/	5.1	8.57	1,023.1
Black Cherry-Inter 78/ 17.6 18.57 1.684.0 Birch-Inter 78/ 1.8 1.43 101.1 Total 29.2 32.86 3,039.7 Pine Pulpwood # Sgr Feet Cord White Pine-RGO Cords-Logs/ 19.0 5.71 0.1 Norway Spruce-RGO Cords-Logs/ 40.7 15.71 22 Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4. Red Pine-RGO Cords-Logs/ 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Red Maple-RGO Cords-Logs/ 37.1 22.88 3. Black Cherry-RGO Cords-Logs/ 14.3 8.57 1. Black Cherry-RGO Cords-Logs/ 8.5 5.71 0.4 Birch-RGO Cords-Logs/ 8.5 5.71 0.4 Stand Total 76.3 38.57 5.	Red MapleInter 78/	4.7	4.29	350.0
Birch-Inter 78/ 1.8 1.43 101.1 Total 29.2 32.86 3,039.1 Pine Pulpwood # Sqr Feet Cord White PineRGO Cords-Logs/ 19.0 5.71 0.1 HemlockRGO Cords-Logs/ 19.0 5.71 0.1 Norway SpruceRGO Cords-Logs/ 40.7 15.71 2.2 Norway SpruceRGO Cords-Logs/ 77.7 28.57 4. Red PineRGO Cords-Logs/ 2.2 1.43 0.1 Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Pulpwood # Sqr Feet Cord Black ChenyRGO Cords-Logs/ 37.1 22.86 3. Black ChenyRGO Cords-Logs/ 14.3 8.57 1.3 Black ChenyRGO Cords-Logs/ 8.5 6.71 0.3 BirchRGO Cords-Logs/ 8.5 6.71 0.3 BirchRGO Cords-Logs/ 8.5 6.71 0.3 BirchRGO Cords-Logs/ 8.5	Black CherryInter 78/	17. C	18.57	1,564.6
Total 29.2 32.86 3,039.4 Pine Pulpwood # Sqr Feet Cord Pulpwood # Sqr Feet Cord White PineRGO Cords-Logs/ 19.0 5.71 0.1 HemlockRGO Cords-Logs/ 40.7 15.71 2.2 Norway SpruceRGO Cords-Logs/ 77.7 28.57 4. Red PineRGO Cords-Logs/ 2.2 1.43 0. Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Pulpwood #3.9.6 51.43 7. Hardwood Pulpwood #3.857 1.3 3. Black CherryRGO Cords-Logs/ 37.1 22.98 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.3 Black CherryRGO Cords-Logs/ 18.4 1.43 0. BirchRGO Cords-Logs/ 8.5 5.71 0.3 BirchRGO Cords-Logs/ 8.5 5.71 0.3 Birch-RGO Cords-Logs/ 76.3 38.57	BirchInter 78/	1.8	1.43	101.9
Pine Pulpwood # Sqr Feet Cord Pulpwood # Sqr Feet Cord White Pine-RGO Cords-Logs/ 19.0 5.71 0.1 HemlockRGO Cords-Logs/ 40.7 15.71 2.2 Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4. Red PineRGO Cords-Logs/ 2.2 1.43 0. Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Red MapleRGO Cords-Logs/ 37.1 22.86 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.1 BeechRGO Cords-Logs/ 14.3 8.57 1.1 BirchRGO Cords-Logs/ 18.4 1.43 0. BirchRGO Cords-Logs/ 8.5 5.71 0.3 BirchRGO Cords-Logs/ 8.5 5.71 0.3 Stand Total 272.5 152.86 3.	Total	29.2	32.86	3,039.6
Pulpwood # Say Feet Cond White Pine-RGO Cords-Logs/ 19.0 5.71 0.3 Hemlock-RGO Cords-Logs/ 40.7 15.71 2.3 Norway Spruce-RGO Cords-Logs/ 77.7 28.57 4. Red Pine-RGO Cords-Logs/ 2.2 1.43 0.4 Total 139.6 51.43 7. Hardwood Pulpwood # Say Feet Cond Red Maple-RGO Cords-Logs/ 37.1 22.86 3. Black Cherry-RGO Cords-Logs/ 37.1 22.86 3. Black Cherry-RGO Cords-Logs/ 16.4 1.43 0.4 Brech-RGO Cords-Logs/ 18.4 1.43 0.4 Brech-RGO Cords-Logs/ 18.4 1.43 0.4 Brech-RGO Cords-Logs/ 8.5 5.71 0.4 Brech-RGO Cords-Logs/ 8.5 5.71 0.4 Broch-RGO Cords-Logs/ 8.5 5.71 0.4 Broch-RGO Cords-Logs/ 8.5 5.71 0.4 Stand Total 272.5 <td< td=""><td>Pine Pulpwood</td><td></td><td></td><td></td></td<>	Pine Pulpwood			
White PineRGO Cords-Logs/ 19.0 5.71 0.1 HemlookRGO Cords-Logs/ 40.7 15.71 2.1 Norway SpruceRGO Cords-Logs/ 77.7 28.57 4. Red PineRGO Cords-Logs/ 2.2 1.43 0.1 Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Pulpwood # Sqr Feet Cord Red MapleRGO Cords-Logs/ 37.1 22.86 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.1 BeechRGO Cords-Logs/ 18.4 1.43 0.3 BirchRGO Cords-Logs/ 8.5 5.71 0.3 Stand Total 76.3 38.57 5.4	Pulpwood	#	Sqr Feet	Cords
HemlockRGO Cords-Logs/ 40.7 15.71 2.1 Norway SpruceRGO Cords-Logs/ 77.7 28.57 4. Red PineRGO Cords-Logs/ 2.2 1.43 0. Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Red MapleRGO Cords-Logs/ 37.1 22.88 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.3 Black CherryRGO Cords-Logs/ 16.4 1.43 0. BrohRGO Cords-Logs/ 18.4 1.43 0. Stand Total 76.3 38.57 5. Stand Total 272.5 152.86 272.5	White PineRGO Cords-Logs/	19.0	5.71	0.9
Norway SpruceRGO Cords-Logs/ 77.7 28.57 4. Red PineRGO Cords-Logs/ 2.2 1.43 0. Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cord Pulpwood # Sqr Feet Cord Red MapleRGO Cords-Logs/ 37.1 22.86 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.1 BleechRGO Cords-Logs/ 16.4 1.43 0. BirchRGO Cords-Logs/ 8.5 5.71 0.3 Stand Total 272.5 152.86 3.	HemlockRGO Cords-Logs/	40.7	15.71	2.3
Red PineRGO Cords-Logs/ 2.2 1.43 0.4 Total 139.6 51.43 7.4 Hardwood Pulpwood # Sqr Feet Cord Pulpwood # Sqr Feet Cord Red MapleRGO Cords-Logs/ 37.1 22.88 3.4 Black CherryRGO Cords-Logs/ 14.3 8.57 1.4 BeechRGO Cords-Logs/ 18.4 1.43 0.4 BirchRGO Cords-Logs/ 18.4 1.43 0.4 BirchRGO Cords-Logs/ 18.4 1.43 0.4 Stand Total 76.3 38.57 5.4	Norway SpruceRGO Cords-Logs/	77.7	28.57	4.1
Total 139.6 51.43 7. Hardwood Pulpwood # Sqr Feet Cond Red Maple-RGO Cords-Logs/ 37.1 22.88 3. Black Cherry-RGO Cords-Logs/ 14.3 8.57 1.4 Beech-RGO Cords-Logs/ 18.4 1.43 0. BirchRGO Cords-Logs/ 16.4 1.43 0. Stand Total 76.3 38.57 5.4	Red PineRGO Cords-Logs/	2.2	1.43	0.4
Hardwood Pulpwood # Sgr Feet Cond Pulpwood # Sgr Feet Cond Red Maple-RGO Cords-Logs/ 37.1 22.88 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.3 BeechRGO Cords-Logs/ 16.4 1.43 0. BirchRGO Cords-Logs/ 16.4 1.43 0.3 BirchRGO Cords-Logs/ 8.5 5.71 0.3 Total 76.3 38.57 5.7 Stand Total 272.5 152.86 152.86	Total	139.6	51.43	7.7
Pulpwood # Sqr Feet Cond Red Maple-RGO Cords-Logs/ 37.1 22.88 3. Black Cherry-RGO Cords-Logs/ 14.3 8.57 1.4 Beech-RGO Cords-Logs/ 16.4 1.43 0. Birch-RGO Cords-Logs/ 16.4 1.43 0. Birch-RGO Cords-Logs/ 16.4 1.43 0. Birch-RGO Cords-Logs/ 16.4 1.43 0. Stand Total 76.3 38.57 5.4	Hardwood Pulpwood			
Red Maple-RGO Cords-Logs/ 37.1 22.88 3. Black CherryRGO Cords-Logs/ 14.3 8.57 1.4 Beech-RGO Cords-Logs/ 16.4 1.43 0. BirchRGO Cords-Logs/ 18.4 1.43 0. BirchRGO Cords-Logs/ 8.5 5.71 0.3 Total 76.3 38.57 5.4 Stand Total 272.5 152.86 152.86	Pulpwood	#	Sqr Feet	Cords
Black CherryRGO Cords-Logs/ 14.3 8.57 1.3 BeechRGO Cords-Logs/ 16.4 1.43 0. BirchRGO Cords-Logs/ 8.5 5.71 0.3 Total 76.3 38.57 5.4 Stand Total 272.5 152.86 152.86	Red MapleRGO Cords-Logs/	37.1	22.86	3.1
Beech-RGO Cords-Logs/ 16.4 1.43 0. BirchRGO Cords-Logs/ 8.5 5.71 0.3 Total 76.3 38.57 5. Stand Total 272.5 152.86 152.86	Black CherryRGO Cords-Logs/	14.3	8.57	1.5
BirchRGO Cords-Logs/ 8.5 5.71 0.1 Total 76.3 38.57 5.7 Stand Total 272.5 152.86	BeechRGO Cords-Logs/	18.4	1.43	0.1
Total 76.3 38.57 5. Stand Total 272.5 152.86	BirchRGO Cords-Logs/	8.5	5.71	0.8
Stand Total 272.5 152.86	Total	76.3	38.57	5.4
	Stand Total	272.5	152.86	

4/11/18

Product Group	# 7	Deservations	Velorend
SpeciesVolume Table 1/2	# frees	Basal Area	volume
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White PineInter 78/	<mark>1</mark> 0.1	17.50	2,733.8
Norway SpruceInter 78/	42.3	45.00	5,452.9
Total	52.3	62.50	8,186.7
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red Oak-Inter 78/	1.4	2.50	195.2
Red MapleInter 78/	7.2	10.00	759.2
Black Cherry-Inter 78/	7.1	7.50	677.1
AspenInter 78/	1.8	2.50	189.8
Total	17.5	22.50	1,821.3
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	3.2	2.50	0.4
HemlockRGO Cords-Logs/	9.4	2.50	0.2
Norway SpruceRGO Cords-Logs/	23.5	10.00	1.0
Total	36.0	15.00	1.7
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	4.6	2.50	0.3
Black CherryRGO Cords-Logs/	4.6	2.50	0.3
BirchRGO Cords-Logs/	3.8	2.50	0.3
AspenRGO Cords-Logs/	24.1	12.50	1.7
Total	37.0	20.00	2.7
Stand Total	142.8	120.00	

Stand ID: 40

4/11/18

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
White PineInter 78/	3.3	5.71	948.8
HemlockInter 78/	3.6	2.86	236.5
Norway Spruce-Inter 78/	20.3	22.86	2,614.5
Red PineInter 78/	2.7	2.86	442.9
Total	30.0	34.29	4,242.6
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Fee
AshInter 78/	1.8	2.86	219.3
Black Cherry-Inter 78/	20	2.86	330.3
BirchInter 78/	1.0	1.43	108.
Aspen-Inter 78/	3.7	4.29	316.9
Total	8.5	11.43	975.0
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cards
White PineRGO Cords-Logs/	1.8	1.43	0.3
Norway SpruceRGO Cords-Logs/	54.0	22.86	3.1
Red PineRGO Cords-Logs/	2.2	1.43	0.4
Total	58.0	25.71	3.9
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	14.3	8.57	1.1
AshRGO Cords-Logs/	3.6	2.86	0.3
Black CherryRGO Cords-Logs/	3.6	2.86	0.4
BirchRGO Cords-Logs/	22.0	7.14	0.8
AspenRGO Cords-Logs/	3.6	2.86	0.8
Total	47.2	24.29	3.2
Stand Total	143.6	95.71	

Area (acres): 6.7

Stand ID: 41

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4/12/18

Product Group Product Species-Volume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sa <mark>wtimbe</mark> r			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	5.1	7.50	1,033.2
Norway SpruceInter 78/	3.9	5.00	749.6
TamarackInter 78/	71.6	85.00	13,559.1
Total	80.6	97.50	15,341.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	3.8	2.50	0.6
TamarackRGO Cords-Logs/	1 0.8	7.50	2.3
Total	14.5	10.00	2.9
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	38.2	7.50	0.6
Black CherryRGO Cords-Logs/	0.5	2.50	0.7
BirchRGO Cords-Logs/	48.0	7.50	0.7
Total	84.7	17.50	2.0
Stand Total	179.8	125.00	

Area (acres): 0.9

Stand ID: 42

4/12/18

Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	3.6	5.00	863.0
Red PineInter 78/	67.7	70.00	11,210.0
Total	71.3	75.00	12,073.0
Hardwood Sawtimber			
Sawtimber	#	Sgr Feet	Board Feet
Sugar MapleInter 78/	3.6	5.00	379.6
Black Cherry-Inter 78/	8.7	15.00	1,438.5
Total	12.3	20.00	1,816.1
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	3.6	5.00	1.1
Norway SpruceRGO Cords-Logs/	9.2	5.00	0.6
Total	12.7	10.00	1.8
Stand Total	96.4	105.00	

Area (acres): 3.8

Stand ID: 44

4/18/18

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Fee
White Pine-Inter 78/	5.1	10.00	1,294.9
Norway SpruceInter 78/	44.0	73.33	11,926.1
Tamarack-Inter 78/	16.5	23.33	4,004.6
Total	65.6	106.67	17,225.6
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Northern Red Oak-Inter 78/	0.8	3.33	270.5
Black CherryInter 78/	8.5	10.00	742.7
Total	9.3	13.33	1,013.2
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Norway SpruceRGO Cords-Logs/	31.6	20.00	2.5
Total	31.6	20.00	2.
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	17.0	3.33	0.3
AshRGO Cords-Logs/	54.4	20.00	2.1
Black CherryRGO Cords-Logs/	7.9	6.67	1.0
BirchRGO Cords-Logs/	4.2	3.33	0.4
AspenRGO Cords-Logs/	4.2	3.33	0.8
Total	87.7	36.67	4.
Stand Total	194.2	176.67	

Stand ID: 45			4/18/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
TamarackInter 78/	1.9	3.33	648.9
Total	1.9	3.33	648.9
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red Oak-Inter 78/	2.6	6.67	461.3
Sugar Maple-Inter 78/	3.1	3.33	243.2
Red MapleInter 78/	10.1	10.00	730.8
AshInter 78/	1.5	3.33	261.3
Black CherryInter 78/	3.1	3.33	182.4
Birch-Inter 78/	1.9	3.33	347.1
Total	22.3	30.00	2,226.0
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White Pine-RGO Cords-Logs/	1.5	3.33	0.7
Total	1.5	3.33	0.7
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	12.2	6.67	1.0
Red MapleRGO Cords-Logs/	17.1	13.33	1.8
Black CherryRGO Cords-Logs/	20.8	20.00	3.3
BeechRGO Cords-Logs/	17.0	3.33	0.3
BirchRGO Cords-Logs/	12.1	10.00	1.2
Total	79.3	53.33	7.7
Stand Total	105.0	90.00	

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Stand ID: 46

4/18/18

Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
White PineInter 78/	29.1	43.33	6,214.4
Norway Spruce-Inter 78/	6.9	10.00	1,596.9
Total	36.0	53.33	7,811.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Fee
Northern Red Oak-Inter 78/	1.5	3.33	286.0
Red MapleInter 78/	4.8	6.67	588.
Black CherryInter 78/	7.0	10.00	838.4
Birch-Inter 78/	3.6	3.33	242.3
Total	16.9	23.33	1,954.8
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cards
White PineRGO Cords-Logs/	48.6	26.67	4.6
Norway SpruceRGO Cords-Logs/	43.2	16.67	2.0
Total	91.8	43.33	6.7
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Card
Red MapleRGO Cords-Logs/	12.5	3.33	0.3
AshRGO Cords-Logs/	5.1	3.33	0.4
Black CherryRGO Cords-Logs/	8.8	6.67	1.0
AspenRGO Cords-Logs/	3.1	3.33	0.3
Total	29.5	16.67	2.
Stand Total	174.2	136.67	

Stand ID: 48			4/18/18
Product Group Product Species-Volume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
HemlockInter 78/	10.8	13.33	999.3
Total	10.8	13.33	999.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red OakInter 78/	27.4	36.67	3,427.1
Red MapleInter 78/	19.2	20.00	1,394.4
Black CherryInter 78/	10.4	10.00	822.4
Total	57.0	66.67	5,643.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
HemlockRGO Cords-Logs/	41.2	30.00	3.5
Total	41.2	30.00	3.5
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red OakRGO Cords-Logs/	4.2	3.33	0.6
Red MapleRGO Cords-Logs/	48.6	33.33	4.3
Black CherryRGO Cords-Logs/	6.1	3.33	0.4
BeechRGO Cords-Logs/	17.0	3.33	0.3
BirchRGO Cords-Logs/	9.3	6.67	0.8
Total	85.2	50.00	6.4
Stand Total	194.2	160.00	

Area (acres): 1.6

Stand Number: 49 Stand ID: 49 Area (acres): 2.1

Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	67.0	103.33	16,493.8
Nonway Spruce-Inter 78/	5.5	6.67	912.9
Total	72.5	110.00	17,406.7
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Aspen-Inter 78/	1.9	3.33	256.5
Total	1.9	3.33	256.5
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
White PineRGO Cords-Logs/	71.1	60.00	14.8
Norway SpruceRGO Cords-Logs/	23.4	13.33	1.5
Total	94.4	73.33	16.3
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	5.4	6.67	1.0
Black CherryRGO Cords-Logs/	15.2	10.00	1.2
Total	20.6	16.67	2.2
Stand Total	189.4	203.33	

Stand Number: 50		A	rea (acres): 4.5
Stand ID: 50			4/19/1
Product Group			
Product	# Trees	Basal Area	Volume 1
Species-Volume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Norway SpruceInter 78/	21.3	20.00	2,225.4
Total	21.3	20.00	2,225.4
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red OakInter 78/	1.1	2.50	268.1
Red MapleInter 78/	23.7	27.50	2,122.4
AshInter 78/	5.1	10.00	1,035.1
Black CherryInter 78/	7.6	12.50	902.2
Birch-Inter 78/	2.7	2.50	181.7
AspenInter 78/	1.4	2.50	192.4
Total	<mark>41.</mark> 8	57.50	4,701.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Hemlock-RGO Cords-Logs/	13.0	7.50	0.9
Norway SpruceRGO Cords-Logs/	27.3	12.50	1.5
Total	40.2	20.00	2.4
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	25.5	5.00	0.5
Red MapleRGO Cords-Logs/	34.0	22.50	3.2
AshRGO Cords-Logs/	3.8	2.50	0.4
Black CherryRGO Cords-Logs/	3.2	2.50	0.3
Birch-RGO Cords-Logs/	7.0	5.00	0.6
AspenRGO Cords-Logs/	11.5	10.00	1.2
Total	84.9	47.50	6.2
Stand Total	188.2	145.00	

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Area (acres): 6.5

Stand ID: 51

4/19/18

Product Group Product Species-Volume Table 1/2	# Trees	Basal Area	Volume 1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red Oak-Inter 78/	9.6	15.00	1,694.6
Sugar MapleInter 78/	30.8	30.00	2,297.0
AshInter 78/	22.5	30.00	2,789.8
Black Cherry-Inter 78/	4.7	5.00	491.1
Hickory-Inter 78/	11.7	12.50	1,169.1
Total	79.2	92.50	8,441.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	58.5	22.50	2.4
AshRGO Cords-Logs/	12.8	10.00	1.6
Total	71.4	32.50	4.1
Stand Total	150.6	125.00	

Stand ID: 53			4/19/1
Product Group			
Product	#Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Hemlock-Inter 78/	1.5	3.33	452.3
Total	1.5	3.33	452.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Northern Red OakInter 78/	2.4	3.33	253.1
Red MapleInter 78/	12.9	13.33	979.7
AshInter 78/	1.9	3.33	256.5
Black Cherry-Inter 78/	4.2	3.33	142.6
Total	21.4	23.33	1,631.9
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	6.1	3.33	0.4
Red MapleRGO Cords-Logs/	55.9	23.33	2.7
AshRGO Cords-Logs/	22.2	10.00	1.8
BirchRGO Cords-Logs/	18.0	10.00	0.8
AspenRGO Cords-Logs/	4.2	3.33	0.6
Iron WoodRGO Cords-Logs/	17.0	3.33	0.3
Total	123.5	53.33	6.2
Stand Total	146.4	80.00	

Stand Number: 54		Ar	ea (acres): 11.0
Stand ID: 54			5/2/18
Product Group Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
AshInter 78/	0.8	1.43	188.4
Total	0.8	1. <mark>4</mark> 3	188.4
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red OakRGO Cords-Logs/	9.4	2.86	0.3
Sugar MapleRGO Cords-Logs/	39.0	8.57	0.8
Red MapleRGO Cords-Logs/	22.8	7.14	0.7
Ash-RGO Cords-Logs/	22	1.43	0.2
Black CherryRGO Cords-Logs/	16.4	1.43	0.2
BeechRGO Cords-Logs/	68.6	17.14	1.5
BirchRGO Cords-Logs/	3.2	1.43	0.1
Iron WoodRGO Cords-Logs/	7.3	1.43	0.1
Total	<mark>168.</mark> 8	41.43	3.9
Stand Total	169.6	42.86	

Stand Number: 55		A	rea (acres): 1.6
Stand ID: 55			5/2/18
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			,
Sawtimber	#	Sqr Feet	Board Feet
Red Pine-Inter 78/	76.5	73.33	<mark>9,873.3</mark>
Total	76.5	73.33	9,873.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red Oak-Inter 78/	24	3.33	253.1
Sugar MapleInter 78/	3.1	3.33	243.2
Ash-Inter 78/	4.3	6.67	476.2
Total	9.8	13.33	972.5
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red PineRGO Cords-Logs/	80.8	43.33	8.1
Total	80.8	43.33	8.1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	124.7	23.33	2.4
AshRGO Cords-Logs/	15.1	6.67	0.9
Iron WoodRGO Cords-Logs/	108.1	16.67	1.7
Total	245.9	46.67	4.9
Stand Total	413.0	176.67	

Stand Number: 56		A	rea (acres): 4.6
Stand ID: 56			5/2/18
Product Group			
Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pin <mark>e Sawti</mark> mber			
Sawtimber	#	Sqr Feet	Board Feet
HemlockInter 78/	11.6	10.00	718.6
Total	11.6	10.00	718.6
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red Oak-Inter 78/	4.3	6.67	445.5
AshInter 78/	47.2	63.33	5,619.4
Birch-Inter 78/	2.4	3.33	253.1
Total	53.8	73.33	6,317.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
HemlockRGO Cords-Logs/	5.1	3.33	0.C
Total	5.1	3.33	0.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	109.7	23.33	3.0
AshRGO Cords-Logs/	31.6	23.33	4.1
Black CherryRGO Cords-Logs/	2.4	3.33	0.6
BirchRGO Cords-Logs/	12.5	3.33	0.3
Iron Wood-RGO Cords-Logs/	9.5	3.33	0.3
Total	165.7	56.67	8.2
Stand Total	236.2	143.33	

Stand Total

Stand Number: 58		A	rea (acres): 3.5
Stand ID: 58			5/2/1
Product Group			
Product	# Trees	Basal Area	Volume 1
SpeciesVolume Table 1/2			
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feel
Hemlock-Inter 78/	3.6	3.33	242.3
Total	3.6	3.33	242.3
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Northern Red OakInter 78/	11.9	23.33	1,968.0
Sugar MapleInter 78/	20.3	23.33	1,688.1
Red MapleInter 78/	6.7	6.67	485.5
AshInter 78/	5.5	6.67	458.3
Total	44.3	60.00	4,599.9
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
HemlockRGO Cords-Logs/	71.7	43.33	5.3
Total	71.7	43.33	5.3
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
BasswoodRGO Cords-Logs/	6.1	3.33	0.3
Sugar Ma <mark>ple</mark> RGO Cords-Logs/	37.2	20.00	2.3
BeechRGO Cords-Logs/	22.0	6.67	0.7
Total	65.3	30.00	3.2
Stand Tatal	185.0	136 67	

Stand Number:	59
Stand ID: 59	

Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
TamarackInter 78/	1.6	2.00	249.4
Total	1.6	2.00	249.4
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Sugar MapleInter 78/	6.3	6.00	401.4
AshInter 78/	24.8	33.00	2,809.4
Total	31.2	39.00	3,210.8
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red PineRGO Cords-Logs/	11.6	4.00	1.1
TamarackRGO Cords-Logs/	4.1	3.00	0.8
Total	15.7	7.00	1.8
Hardwood Pulpwood			
Pulpwood	*	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	39.4	18.00	2.2
AshRGO Cords-Logs/	37.0	27.00	4.3
Black CherryRGO Cords-Logs/	11.5	1.00	0.1
Iron Wood-RGO Cords-Logs/	10.2	2.00	0.2
Total	98.0	48.00	6.8
Stand Total	146.5	96.00	

Stand	Number:	60

Stand ID: 60

5/29/18

Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Red Pine-Inter 78/	77.1	72.50	11,091.9
Tamarack-Inter 78/	17.5	25.00	3,829.6
Total	94.6	97.50	14,921.5
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
AshInter 78/	2.0	2.50	187.4
Total	2.0	2.50	187.4
Pine Pulpwood			
Pulpwood		Sqr Feet	Cords
Red PineRGO Cords-Logs/	55.3	20.00	3.2
TamarackRGO Cords-Logs/	22.5	15.00	2.4
Total	77.8	35.00	5.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Sugar MapleRGO Cords-Logs/	4.6	2.50	0.3
AshRGO Cords-Logs/	9.4	5.00	0.5
Black Cherry-RGO Cords-Logs/	15.1	5.00	0.5
Total	29.1	12.50	1.4
Stand Total	203.5	147.50	

Stand Number: 61		A	rea (acres): 2.6
Stand ID: 61			5/29/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red Oak-RGO Cords-Logs/	15.4	10.00	1.1
Sugar MapleRGO Cords-Logs/	43.2	6.67	0.8
AshRGO Cords-Logs/	78.4	6.67	0.9
BeechRGO Cords-Logs/	38.2	3.33	0.4
Total	173.2	26.67	3.2
Stand Total	173.2	26.67	3.2

Stand ID: 62

5/30/18

Product Group				
Product	# Trees	Basal Area	Volume 1	
SpeciesVolume Table 1/2				
Hardwood Sawtimber				
Sawtimber	#	Sqr Feet	Board Feet	
BasswoodInter 78/	2.6	4.29	231.1	
Sugar MapleInter 78/	28.5	41.43	3,382.0	
Red MapleInter 78/	1.0	1.43	108.5	
Ash-Inter 78/	6.2	8.57	<mark>800.1</mark>	
BirchInter 78/	0.9	1.43	186.7	
Total	39.1	57.14	4,708.4	
Hardwood Pulpwood				
Pulpwood	#	Sqr Feet	Cords	
BasswoodRGO Cords-Logs/	3.2	4.29	0.7	
Sugar MapleRGO Cords-Logs/	15.8	14.29	1.8	
AshRGO Cords-Logs/	12.8	10.00	1.3	
Black CherryRGO Cords-Logs/	7.1	4.29	0.5	
BeechRGO Cords-Logs/	9.3	4.29	0.4	
BirchRGO Cords-Logs/	4.0	2.86	0.4	
ron WoodRGO Cords-Logs/	24.4	5.71	0.5	
Total	76.7	45.71	5.5	
Stand Total	115.8	102.86		

Stand ID: 63

Product species—Volume Table 1/2 Pine Sawtimber Sawtimber Nhite Pine—Inter 78/ Red Pine—Inter 78/ Total Hardwood Sawtimber Sawtimber Red Maple—Inter 78/ Sawtimber Red Maple—Inter 78/ Total Pine Pulpwood Red Pine—RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red Maple—RGO Cords-Logs/ Sawtimber Red Maple—RGO Cords-Logs/ Sawtimber Red Maple—RGO Cords-Logs/ Samtimber Saw			
Pine Sawtimber Sawtimber Sawtimber White Pine-Inter 78/ Red Pine-Inter 78/ Total Hardwood Sawtimber Sawtimber Red Maple-Inter 78/ Ash-Inter 78/ Total Pine Pulpwood Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-Logs	# Trees	Basal Area	Volume 1
Sawtimber White Pine-Inter 78/ Red Pine-Inter 78/ Total Hardwood Sawtimber Sawtimber Red Maple-Inter 78/ Ash-Inter 78/ Total Pine Pulpwood Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cord			
White Pine-Inter 78/ Red Pine-Inter 78/ Total Hardwood Sawtimber Sawtimber Red Maple-Inter 78/ Ash-Inter 78/ Total Pine Pulpwood Pulpwood Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/	#	Sqr Feet	Board Feet
Red PineInter 78/	1.1	2.00	355.4
Fotal Hardwood Sawtimber Sawtimber Red MapleInter 78/ AshInter 78/ Total Pine Pulpwood Pulpwood Red PineRGO Cords-Logs/ Fotal Hardwood Pulpwood Pulpwood Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ AspenRGO Cords-Logs/ Total	24.0	30.00	4,910.3
Hardwood Sawtimber Sawtimber Red Maple-Inter 78/ Ash-Inter 78/ Total Pine Pulpwood Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-RGO Cords-RGO Cords-RGO Cords-RGO Cords-RGO Cords-RGO Cords-RGO C	25.1	32.00	5,265.7
Sawtimber Red Maple-Inter 78/ Ash-Inter 78/ Total Pine Pulpwood Pulpwood Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Total			
Red Maple-Inter 78/ Ash-Inter 78/ Fotal Pine Pulpwood Red Pine-RGO Cords-Logs/ Fotal Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Ash-RGO Cords-Logs/	#	Sqr Feet	Board Feet
Ash-Inter 78/	3.0	4.00	223.7
Fotal Pine Pulpwood Pulpwood Red Pine-RGO Cords-Logs/ Fotal Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Aspen-RGO Cords-Logs/ Total Fotal	15.1	20.00	1,513.4
Pine Pulpwood Pulpwood Red PineRGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Total	18.1	24.00	1,737.1
Pulpwood Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red Maple-RGO Cords-Logs/ Ash-RGO Cords-Logs/ Aspen-RGO Cords-Logs/ Total			
Red Pine-RGO Cords-Logs/ Total Hardwood Pulpwood Pulpwood Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Total	#	Sqr Feet	Cords
Total Hardwood Pulpwood Pulpwood Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Total	23.9	12.00	1.8
Hardwood Pulpwood Pulpwood Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Total	23.9	12.00	1.8
Pulpwood Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Total			
Red MapleRGO Cords-Logs/ AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Total	#	Sqr Feet	Cords
AshRGO Cords-Logs/ AspenRGO Cords-Logs/ Fotal	22.9	2.00	0.3
AspenRGO Cords-Logs/	102.4	30.00	3.9
Fotal	5.7	2.00	0.2
	131.0	34.00	4.4
Stand Total	198.1	102.00	

Stand ID: 64			6/5/18
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Northern Red Oak-RGO Cords-Logs/	5.5	6.67	0.8
Red MapleRGO Cords-Logs/	86.5	13.33	1.7
AshRGO Cords-Logs/	15.7	6.67	0.7
BeechRGO Cords-Logs/	4.2	3.33	0.4

111.9

111.9

30.00

30.00

Total

Stand Number: 64

Stand Total

Area (acres): 18.0

/18

3.6

3.6

Stand ID: 66			6/6/1
Product Group Product SpeciesVolume Table 1/2	# Trees	Basal Area	Volume 1
Pine Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
White Pine-Inter 78/	14.0	28.67	4,747.4
Norway SpruceInter 78/	5.1	6.67	1,069.7
Total	19.1	33.33	5,817.1
Hardwood Sawtimber			
Sawtimber	#	Sqr Feet	Board Feet
Ash-Inter 78/	1.4	3.33	211.8
Black Cherry-Inter 78/	3.3	6.67	675.7
Total	4.7	10.00	887.5
Pine Pulpwood			
Pulpwood	#	Sqr Feet	Cards
White PineRGO Cords-Logs/	7.4	6.67	1.9
HemlockRGO Cords-Logs/	8.5	6.67	0.8
Norway SpruceRGO Cords-Logs/	7.9	6.67	1.9
Red PineRGO Cords-Logs/	4.2	3.33	1.0
Total	28.0	23.33	5.6
Hardwood Pulpwood			
Pulpwood	#	Sqr Feet	Cords
Red MapleRGO Cords-Logs/	49.4	10.00	1.3
AshRGO Cords-Logs/	6.1	3.33	0.3
BirchRGO Cords-Logs/	29.4	6.67	0.6
Total	84.9	20.00	2.1
Stand Total	136.7	86.67	

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