Forestry

What my Friends think I do: Hiking in a forest.
What society thinks I do: Working with a horse in a park.
What my mom thinks I do: Caring for a giant tree.
What my boss thinks I do: Working with tools in a forest.
What I think I do: Studying trees and logging.
What I really do: Editing paperwork and taking naps.
Daily Routine

- Getting new clients/maintaining existing clients
- Timber marking/marketing
- Develop and amending forest management plans
- 480-a plan, prism plot data collection, plan development & implementation, annual filing, assessor relations, 5 year updates
- Painting Property lines, foresters can not locate lines legally, only maintain, painting is best required for 480-a
- DEC foresters
- Tsi-timber stand improvement
- Dealing with mills or loggers
- NRCS Federal cost share funding: plans, tsi, roads, wildlife
- NYC watershed cost share funding, plans, bmps,
- Conservation Easements - one property can be part 480-a, part 480, part WAC easement, part DEP easement !!!!!
- Damage/trespass reports/appraisals, courtroom testimony, lawyers
- We will actually be painting a property line this afternoon
Forester’s Office

- Family-wife first, 7 kids, grandkids, secretary, .............clients
- computers/software/phones **no cell phone/web page/email/facebook page**
- Filing system, 480-a/management plans, timber sales
- Checking accounts regular/escrow/personal
- Accountant, quarterly filing
- Subcontractors 10-99’s
- Professional Liability insurance
- Health insurance
- Old age account
- Retirement?
### 480-a

- Forest land 80% tax exempt both school and property
- DEC oversees
- Forest inventory
- Plan development
- Work schedule
- Filing with DEC, County Clerk, Assessor
- Implement the plan, tsi, timber sales, property line painting, ineligible edge/non committed land painting, 5 year updates
- Annual filing
- Name changes

#### 480-A Actual Savings Calculations

**Forest Land Tax Exemption**

<table>
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<th>Liber instrument</th>
<th>Page</th>
<th>Tax Map acre</th>
<th>Total</th>
<th>Assessed value /acre</th>
<th>Total</th>
<th>Forest Acres</th>
<th>Actual Exemption</th>
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**Total Actual Annual Savings**: $2,363.62
We usually start with a tax map or survey map.
Most of the counties have free web access to county real property tax maps.

By just clicking on the parcel you can get name, address, acreage, deed #’s, aerial photos, etc.
Transfer tax map parcel boundaries to a topo map
My field aerial photo

Gives me field boundaries woods edges and some forest types

Usually I start with a field visit, I have an initial visit fee to look at what we have to start with then I can give the client an idea of what they can do and together we decide the next step

A forest management plan?
Forest Management Plan

- Apply to NRCS for funding to develop a plan
- If in NYC watershed area WAC pays for all 480a plans
- Required for 480-a
- Required to apply for NRCS practices like tsi, wildlife food plots, wildlife clearings, control of undesired species, road building, apple tree pruning, etc
- Required for Tree Farm certification
10 factor Prism Plot data

- Required for 480a-2” dbh classes
- Used often in estate appraisals with significant forest crop holdings
- Used to determine Basal Area or stocking
- Hardwoods optimum stocking, depending upon stocking charts, 60-80
- Above that stocking level the forest is overstocked and not growing as fast as it can be
- Thinning reduces stocking to what foresters call B level optimum productivity
- Diameters or quality determine if the thinning is commercial or precommercial
- We will be using a prism and collecting data this afternoon
Most forest management plans start with a forest inventory by using a 10 factor prism.

These are my field sheets.
Acreage Calculations

- Dot Grid
- Count dots multiply by acreage factor depending upon map scale
- Ex: 1”=1,320 feet 1 dot times 0.625 =acreage
- I count lots of dots!
- Some foresters use computers and software to do this
Stands colored-easy for the landowner to see the different forest stands.
Forest stand diagnosis and prescription page

This is where you will see if the stand is overstocked, how much, and recommendations on what to do.
Species Composition - Stand 3

- Hard Maple: 51%
- Soft Maple: 21%
- Black Cherry: 4%
- Beech: 3%
- Yellow Birch: 5%
- Black Birch: 11%
- Basswood: 2%
- Hophornbeam: 2%
- Striped Maple: 1%
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**Notes:**
- Pre-commercial thinnings need to be done in the year scheduled.
- You have two years to complete commercial thinnings.
- To amend the work schedule call our office, 007-865-5917.
- All property lines and non-committed areas need to be painted.
- If it is not a 480, complete the work in the year scheduled.
An inventory will also show you volumes and values of forest products growing on your property.
Usgs topo sheet

I don’t go to a new property without one
Soils Map

Goggle Web Soils survey

Free USDA tool
“Finished” plan

Seems like they always need updating or amending
Timber Stand Improvement - precommercial thinning

- Go over landowner objectives- timber production/wildlife?
- Mark/paint the trees to cut
- Who Cuts the trees us or the landowner
- Usually no market so just felled and left to rot or girdled
- Usually in 10 acre increments
- We will be marking tsi in the field this afternoon

First tsi job 1979, first commercial thinning 2017
Timber Sales

- Determine landowner objectives
- Decide crop trees, mark cut trees: pulp, cull, sawlogs,
- Measure and tally
- Input into computer, report prep
- Mail to potential bidders mostly email
- 3 weeks to a bid opening, usually Fridays at 5 pm
- Send out bid results to bidders, call the winner, call the owner
- Develop contracts 3 copies: owner/winning bidder/forester
- Secure signatures, mail copies, secure timber sale proceeds
- Secure insurances
- Secure performance bond
- 18 month contract is currently the standard in my office
- At the job start go over any issues with the winning bidder
- Inspect job periodically for any issues
- Go over and inspect the clean up
- Return performance bond
- We will be marking timber this afternoon, measuring volumes, determining value to the owner
Nice yellow birch
In any weather!?
All except heavy rain
Timber sales field sheets
April 9, 2018

TO: INTERESTED TIMBER PURCHASERS
RE: TIMBER SALE

We have been authorized to offer for sale the marked timber on approximately 145 acres of land owned by Hartley & Renwick Russell, near North of Walton, NY.

We have enclosed a sketch map indicating the area in which the timber is located, a prospectus describing the timber and sale conditions, and a bid form for your use in bidding.

The timber will be sold by sealed bid, and all instructions necessary for bidding are included herein.

If you require a tour of the sale area, please call us to arrange for a convenient time. If you have any questions about the sale, please feel free to call us.

Bid Opening: 5:00 PM, Friday, April 27, 2018

Bids must be received at Northeast Timber Services, 20 Garden St., Walton, NY 13856, by 5:00 PM, Friday, April 27, 2018, at which time they will be opened. Any bids arriving after 5:00 PM, Friday, April 27, 2018 cannot be considered, and will be returned unopened.

We appreciate your interest in our sales, and wish you success in bidding.

Sincerely,

NORTHEAST TIMBER SERVICES
3 log rules
Timber sale map
Advertised to 100 potential bidders, mostly email

Notice the Ford

We also help the winning bidder with DEC stream crossing permit applications on protected streams

NYS Environmental Resource Mapper web site will tell you if you need a permit, also gives you a lot of other info, tax map #'s
Bids received

Date: 4/27/18

To:

From: Rod Jones
Association of Consulting Foresters 222
Society of American Foresters Certified Forester 64
Northeast timber services
Forest & Wildlife Management
20 Garden Street
Walton, NY 13856
Phone: 607-865-5917 I got rid of my cell phone
Fax: 607-865-8387
E-mail: rjones52@stny.rr.com
Web page: http://northeasttimberservices.webs.com/
Like our Facebook page, great logging and forestry pictures

Hank Decker & Son Logging $71,000.00
Gutchess Lumber Co, Inc. 123,214.00
RGM hardwoods, Inc. 101,940.00
*Quality hardwoods, Inc. 129,099.00

Thank you! Rod
Contracts

Need 3 originals
Gypsy Moth Forest and Eastern Tent caterpillar

You can prepare for them-egg mass surveys. Then spray if numbers recommend.
Green area was sprayed with Sevin-helicopter-expensive but it saved this sugar bush
Deer Keds
Assassin bugs sting
Inspect yourself and get someone else to check your backside EVERY DAY for ticks!
I go through a daily routine of spraying with whatever is the strongest chemical!
Clothing can be sprayed with Permetherin hardware store carries it
Lots of Black Bear stories, very fun to see them
Smokey tracks!
Sometimes Timber Rattlers in their areas
Cleets!
Historical trees

The Darymore Tree
Huge White oak
Create a Scenic Vista where there was no view!
This afternoon’s Field session
- Prism use and basal area calculation
- Tree species ID
- Wildflower ID
- Edibles?
- Tsi-timber stand improvement, pre-commercial thinning tree selection and marking
- Timber sales tree selection and marking scaling, tree values
- Boundary line maintenance
- I will be spraying paint, don’t stand down wind from me if you care
- Best not to wear shorts
- Bring insect spray/cameras
- Any other questions you have?
Rod Jones, SAF Certified Forester, ACF
NRCS Technical Service Provider
Northeast Timber Services
20 Garden St
Walton, NY 13856
607-865-5917  rjones52@stny.rr.com  northeasttimberservices@com
No cell phone  like our facebook page