

## John Dehn <johncdehn@gmail.com>

## **Summary from Site Visit Monday**

**Hart, Travis** <Travis.Hart@vermont.gov>
To: John Dehn <johncdehn@gmail.com>

Wed, Oct 25, 2023 at 9:58 AM

Hi John,

It was great to meet you on Monday.

Below is a brief summary of some of the things we discussed in regards to the property. Attached also are the base maps that I had created prior including the one with the lidar. Lastly I also attached a planting guide from the urban and community forestry program. It is designed more for landscaping but has great info on lots of tree and shrub species so if you want to look into different options you can.

First thing we discussed was the invasives. These are prevalent throughout everywhere except the field really. You have a variety of species present but mostly honeysuckle and buckthorn. This is something I would recommend be done with herbicide as it is at a high enough level where anything else would be logistically and financially difficult. This is something that you could apply for through the programs I mentioned.

Next we discussed the pine and what to do there. I think it would be better to cut the remaining white pine in that area and open up more sunlight to the ground. This will help promote growth of other species a bit more than having the partial shade from the pines which are not in great condition anyways. If you grind the stumps you could also brush hog this area more effectively as well. I would suggest experimenting with what is the best rotation for brush hogging if you do that. Could be once a year, could be every other year could be once every 3 to 5 years. The other bit we mentioned following the potential removal of the pine was to plant in some trees and shrubs in that area to improve habitat and support more of a hardwood forest/semi open forest area. Below is a list of some species that could fit well in this type of area for the goals we had discussed. It is not an exhaustive list but something to get you started with key species. This planting could also be included in an application to the programs as well.

Northern Red Oak

Bur oak

White Oak

Shagbark Hickory

Bitternut Hickory

Sugar Maple

Red Maple

Beaked Hazelnut

Serviceberry

Elderberry

Witch-Hazel

Another important bit were discussions surrounding the wetland and cutting a path etc... down. I am not the authority on that type of thing. I would assume it would be easier for you to make any case given you already had an environmental consultant out there. However whenever you get to anything near the wetland and it's buffer the district wetlands ecologist Zapata Courage is the one to confirm with before doing anything. I would recommend reaching out to her after you have the house established and are ready to move into those smaller projects if you have questions or concerns.

Lastly, below is the contact info for the folks in Middlebury with NRCS who operate the programs I assist with. There is no rush to get to this as the next deadline will be either May or next October depending upon funding and other federal government issues. I just wanted to provide the contact so when you are ready to you can apply if you would like to.

Rachel Carlson

Soil Conservationist, USDA-NRCS

68 Catamount Park

Middlebury, VT 05753

(802) 522 9563

Rachel.carlson@usda.gov

Or

George Tucker

Soil Conservationist

**USDA NRCS** 

68 Catamount Park

Middlebury, VT 05753

802-771-3032 office

802-522-9621 cell

george.tucker@usda.gov

Hopefully that helps get you started on things when you are ready to. If you ever have any questions etc... feel free to reach out anytime to me.

Travis



Travis Hart, State and Private Lands Biologist

Vermont Agency of Natural Resources | Department of Fish and Wildlife

Wildlife Division, Habitat Program

271 North Main St, Suite 215 Rutland, VT 05701

802-786-3816 office

travis.hart@vermont.gov

anr.vermont.gov

## 3 attachments

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**Dehn Base Map.pdf** 1859K



**Dehn Lidar Map.pdf** 2623K