

TOWN OF HARVARD
CONSERVATION COMMISSION AGENDA
THURSDAY JANUARY 20, 2022 @7:00PM

Pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and signed into law on June 16, 2021, this meeting will be conducted via remote participation. Interested individuals can listen in and participate by phone and/or online by following the link and phone number below.

UpperTH ProWebinar is inviting you to a scheduled Zoom meeting.

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New Business:

1. Deer Management Subcommittee 2021 Report (7:05pm)
2. Open Space Committee Update (7:45pm)
3. 2022 Wild and Scenic Community Grant Proposal due by Feb. 1
4. Guidelines for the Use of the Reuben Reed Land
5. Discuss Extending Sunset Date for Capital Planning & Investment Committee Funds – Still River Woods
6. Approve Minutes
7. Approve Invoices
 - Liz Allard - \$114.63 (mileage)
 - Scott Zobbi - \$95.74 (Tripp land improvements)

Old Business:

1. Review and Approve 2021 Annual Report due Jan. 31
2. Wetland Enforcement Update – 351 Ayer Road
3. Pine Hill Village Update
4. Craftsman Village Update

Public Hearings:

7:30pm **Continuation of a Notice of Intent Hearing - Stanton Henderson, 265 Stow Road, Harvard#1221-02**, for the replacement of a failed sewage disposal system within the 100' wetland buffer zone

NEXT MEETING:
FEBRUARY 3, 2022

Executive Summary for the 2021 Deer Management Program

Thirteen Harvard Conservation Lands were open for archery hunting of deer in 2021: Barrett, Blomfelt, Daman/Stephenson, Dunlap, Gillette, Great Elms, Hermann Orchard, Maxant, Perini, Rodriguez, Shaker Spring House, Vesenka and Willard/Poitras. This was up from the five properties in the first year of the program in 2020.

After much discussion by the DMS, they decided to assign hunters to the thirteen properties in the program. The fourteen qualified hunters were assigned a property based on participation in the 2020 program, Harvard residency or a Town of Harvard employee.

All fourteen approved hunters did get out to hunt. Six hunters accounted for 80% of the trips to scout or hunt. The hunters spent 33 hours scouting and 311 hours hunting. Some approved hunters only hunted once or twice due to other time commitments, hunting opportunities at other locations, plan changes due to Covid, or personal challenges.

81% of all hunting and scouting activity was on Blomfelt, Daman/Stephenson, Gillette, Great Elms, Hermann Orchard and Vesenka properties. Three adult does were harvested on the Blomfelt, Gillette and Hermann Orchard parcels. All were taken in the month of December.

There were two instances of hunter harassment reported. One had a tree stand that was vandalized and the second a trail camera was stolen.

The DMS is appreciative of the support from the Conservation Commission for this program.

2021 Season Report: Deer Management Subcommittee

Harvard, Massachusetts

The Deer Management Subcommittee (DMS) has been entrusted by the Conservation Commission to conduct a controlled hunt on designated Town parcels to control the deer population. The 2021 deer hunting season concluded at dusk on December 31. This report is to share a few observations on the deer management and hunting activity from the past year.

Two deer pellet transects were performed within Harvard this last spring. These transects were conducted between the time when the snow melts and before the spring 'green up' and are used as tool to estimate the deer population.

The two transects were done by MassWildlife and DMS has requested the data form the local office. Once received it will be made available on the Town Website.

In an effort to effectively site our resources, the DMS conducted a comprehensive land survey on conservation properties in the Town of Harvard. These involved DMS volunteers checking each property for a number of different criteria. They made note of access points, distance to dwellings, trails and roadways, and evaluated if the property had signs of deer activity. These results were reported to DMS, and the Subcommittee used these to make recommendations to the Conservation Commission. At the Commission meeting of September 2, 2021, the DMS presented a list of properties to add to the program for 2021. The properties recommended by DMS were Blomfelt, Dunlap, Great Elms, Hermann Orchard, Maxant, Prospect Hill, Shaker Spring House, Vesenska and Williams. The Commission decided that Prospect Hill and the Williams lands should not be included for this season, and suggested the Gillette land be included, which DMS attendees agreed to. The Commission then voted to approve the updated list for inclusion in the program. These eight properties (Blomfelt, Dunlap, Gillette, Great Elms, Hermann Orchard, Maxant, Shaker Spring House and Vesenska) are in addition to the previously approved properties in 2020 of Barrett, Damon/Stephenson, Perini, Rodriguez and Willard/Poitras.

Our subcommittee began preparation for our second deer management season by hosting qualification sessions at the Harvard Sportsman's Club. The Sportsman club proved to be a near ideal facility as it allowed for a larger number of archers to be socially distanced at all times. Each qualifier was supervised by certified Archery instructors and done with proper range protocols. The DMS Committee member and Range master, Joe Pulido, was present at all qualifiers. He recorded their paperwork and did a poundage-pull check on each of their bows.

Participants were required to hit a six-inch round target at 25 yards with at least three of five arrows. We strictly adhered to the archery trial specified in our original report. Some hunters failed to pass this test and were therefore not allowed to participate in the program. Two new archers successfully passed the test. A total of 14 qualified hunters were issued Harvard Hunter ID numbers for the 2021 season. Each hunter has taken a State mandated hunter safety class and has a current Massachusetts hunting license. Each hunter is requested by DMS to purchase antlerless deer permits, commonly known as doe tags in addition to the buck tags that come with the hunting license.

The approved hunters were allowed to hunt on designated conservation properties and required to complete a daily log. Each hunter was issued a photo ID with their Hunter number on it and a dashboard parking placard, as well as two bright orange stand tags. Each hunter had been vetted by the Harvard Police Department and the Environmental Police. The Harvard Police and the EPOs as well as the Town Conservation office has their full information. The hunters carried with them the contact numbers of the Harvard Police, Environmental Police, the Conservation office and a DMS member. They also were required to have on their possession Hunter ID, Hunting License, doe and buck tags, and a map of their assigned properties. During the season from November 29 to its end on December 31 each hunter must wear 500 square inches of blaze orange.

DMS had considerable discussions regarding the best way to distribute hunters over the designated properties. The majority of towns in the Commonwealth simply “open” their designated properties to the public – or their designated hunter teams. In these municipalities the qualified hunters may choose which properties they wish to set their stands on and they have the freedom to switch locations. A minority of towns and Land Trusts assign hunters to specific properties. Both distribution strategies have their benefits. DMS interviewed and surveyed the qualified hunters from last season, and several different towns and Trusts in an effort to determine which method would best serve the Town of Harvard Conservation lands.

After careful study, DMS decided to assign the hunters to specific properties. During our first season (2020) DMS recommended that the qualified hunters could openly choose from amongst the program properties available, and for 2021 DMS made a concerted effort to match hunters with their desired parcels. Each hunter would have their own lot, or in the case of larger lots, share with one or a pair of other hunters. This allowed each hunter to have responsibility and ‘ownership’ of each property assigned to them. They were given the contact information of those they shared the property with, and could coordinate visits if they chose to. Hunters were asked to select their top three preferred properties, and given the best match available. The properties were then assigned based on participation in the 2020 program, Harvard residency or a Town of Harvard employee.

When asked how the new system worked for this years archery crew, DMS received the following replies:

- Yes, this definitely worked and I am hoping it continues. I was able to coordinate with other hunters and know who and when the properties were being hunted. Please keep this going!
- My opinion sometimes it takes a couple years to figure out a hunting spot. where are the deer feeding, what are they feeding on early season, late season. Travel routes. So, I like assigned hunting spots. Gives the hunter time to learn the spot.
- At first I was against assigning hunters to properties but by assigning hunters they are technically the only hunters on that property. It's like having there own private property to hunt. They don't have to worry about if another hunter was there earlier to spoil their hunt and not too mention ensuring a higher success rate in harvesting a deer.

One stated goal of this method was to increase the number of individual stand visits by each hunter. Of the 122 hunter log entries that were collected through Google Forms, 81% of all hunting and scouting activity was on Blomfelt, Daman/Stephenson, Gillette, Great Elms, Hermann Orchards and Vesenska.

All 14 approved hunters did get out to hunt. Of these, 6 accounted for 80% of the trips to scout or hunt. Some approved hunters only hunted once or twice due to other time commitments, hunting opportunities at other locations, plan changes due to Covid, or personal challenges. In consultation with other programs and the State Deer Biologist, Dr Feehan, it has been found that the majority of people actively hunting will be a minority within the group of hunters.

Three deer were reported as taken by approved hunters on town conservation property. Three adult does were taken on the Blomfelt, Gillette and Hermann Orchard parcels. All were taken in the month of December.

Hunter harassment continues to be a concern of DMS and the program participants. We had two instances reported. One was a tree stand that was vandalized and the second a trail camera was stolen. Reports were filed with the Environmental Police and the Harvard PD.

During the course of scouting and hunting, the DMS volunteers tagged 5 unpermitted stands on Conservation property. Some stands such as the one tagged at Barret and the two at Hermann Orchard were likely removed by their owners. One stand was removed in January from Dunlap. Others will be removed by the end of winter or spring by DMS.

The DMS is satisfied that this year's program was a success. While we wish the harvest numbers were higher, bowhunting is an inherently difficult activity. We have been told both by the state deer biologist and our participants that only one in every three hunters will successfully take a deer in a season. We are grateful that more properties were approved to expand the managed area. MassWildlife has shared with DMS that by opening more of the landscape to hunting, it is a way to increase the season's yield.

Many municipalities have stated that this has been a low harvest year for their programs. Anecdotally it has been said that the 'mast' or acorn drop has been especially low this year, which has led to deer changing their locations.

A number of the hunters that qualified for the hunt did comment that a longer period to scout the town lands would be appreciated. While we did have more advance knowledge than we did last year, many of the sites were new to our team members. Ideally a hunter will have a year or more to "pattern" the deer population. The skilled hunter looks for deer prints in the winter's snow. They check pathways, grazing patterns, bedding areas, territorial marking "rubs" and "scrapes". Before the season begins, they are able to predict where the deer may be at a given time. Ideally, their hunting stands are installed weeks or months before the season begins - so the deer become used to them - and are not alarmed by their sudden presence. In order to be successful on the new parcels, hunters used their observations in November and December to know where the deer would be at a given time and set their stand appropriately. We do expect that if the hunt is allowed to continue into the fall of 2022, that our hunters will have a better command of the properties and the movements of deer across them, and we will see an increase in early season deer harvested.

Some hunters chose to hunt on non-program lands that they had already scouted and had previous permission to hunt - both in Harvard and other towns. Of our program hunters one was successful in harvesting a deer on Harvard land outside of the program that was open to him. All of the other hunters stated that they hunt private property but did not note the location of them. This group harvested 8 deer from those properties. In order to be successful, that hunter had to use his

observations in November and December to know where the deer would be at a given time and set his stand appropriately.

Statistics from MassWildlife state showing the number of deer harvested in the town of Harvard both on public and private lands will be released later this year. When received it will be added to the DMS library on the town website.

We are satisfied with many important aspects of the program. First, there were no reported safety incidents involving participants in the hunt. Secondly, there were no conflicts or negative interactions that we are aware of in the woods between hunters and the general public. We were forwarded a request to for guidance for hikers on Conservation land during the season, and DMS and Conservation staff were able to fulfill that request in just a few days.

Our mandated goal to manage the deer population has taken another step forward. It is estimated that an adult deer can consume as much as 2000-pounds of vegetation every year. The removal of three adult deer is a step toward that management goal. It is particularly valuable from a land management standpoint that our hunter team harvested does, as that is an affirmative way to assist in controlling population.

Robert Douglas, Chair

Tom Cotton

Ben Urquhart

Paul Willard

Joe Pulido, Rangemaster

DMS Season 2021 Hunter Survey Summary

All 14 hunters in the Deer Management Program participated in the survey.

Which properties did you visit for the 2021 season? [check boxes for hunt and scout for each property].
Please comment on the pros and cons of the sites you visited.

Barrett

2 scouted only, 0 hunted only, 1 scouted & hunted

[no comments]

Blomfelt

1 scouted only, 0 hunted only, 2 scouted & hunted

Blomfelt is a good size property with limited hunting areas due to the setbacks, access and terrain. It is a travel route for deer and I would definitely like to hunt it in 2022.

Daman/Stephenson

1 scouted only, 0 hunted only, 3 scouted & hunted

Great site! Deer activity was down during the 2021 season

Dunlap

1 scouted only, 1 hunted only, 2 scouted & hunted

Dunlap is a good property for one hunter at a time and I coordinated with others to hunt it this year. Need to set up differently next year as it holds deer and good sign.

Pros: no trails near huntable areas

Gillette

2 scouted only, 1 hunted only, 1 scouted & hunted

The pros would be that it is a very pretty spot, making it easy and enjoyable to sit. The con would be that there were not many available acres (that are attractive to deer) to hang a stand. However, the area I did choose had decent activity, with one deer being taken from my stand by another hunter in the program.

Great Elms

1/11/2022

3 scouted only, 0 hunted only, 2 scouted & hunted

Pros: large parcel

Cons: limited hardwoods near huntable areas, too many other hunters

It was a pretty big area and access wasn't great. Needed to clear some trails for access.

Hermann Orchard

0 scouted only, 0 hunted only, 2 scouted & hunted

PRO: Trail cameras picked up a lot of deer activity mainly south and north of Hermann Orchard. Some early in the season at Rodriguez.

CON: Hermann Orchard and Rodriguez only had one entrance/access (bridal way) that was via Ayer Rd (Rt 111/110). The hunt-able areas required a long hike blocked by fallen trees to get to and from my vehicle. After harvesting a deer, it was very difficult to drag it back to my vehicle. Winds during the season were mainly from the West which meant a good chance of getting scented out and spooking deer almost every time going into both properties. Herman Orchard open field area was landscaped (grass cut and trees trimmed by tractors) during the beginning and middle of the Deer Rut. Trail cameras didn't capture any significant deer activity till after Thanksgiving week. Only deer activity seen was at night or early morning (midnight to 5am). Speculation has it that landscaping work spooked the deer and altered deer pattern activities for several weeks. Noticeable up surge in people/foot-traffic towards the last four weeks of the season despite several major obstacles (huge fallen trees blocked several sections of bridal way) accessing the properties. Trail cameras took pictures of people/dogs well off the marked trails and in hunting areas. ATV vehicle being driven on Herman Orchard despite "no motorized vehicle allowed" sign at the entrance.

Maxant

2 scouted only, 1 hunted only, 0 scouted & hunted

[no comments]

Perini

2 scouted only, 0 hunted only, 0 scouted & hunted

[no comments]

Rodriguez

0 scouted only, 0 hunted only, 2 scouted & hunted

[no comments]

Shaker Spring House

2 scouted only, 0 hunted only, 2 scouted & hunted

Shaker Spring is also a good property, but the terrain, trails, private property hunting above it make it a difficult property to hunt for more than one person.

Vesenka

1 scouted only, 0 hunted only, 2 scouted & hunted

I found that particular property to be very restrictive with quite a few hiking trails interspersed throughout, making it difficult to find a productive area to hang a stand without being too close to a trail. This property is most definitely a one-stand property that can easily become "over-hunted" making it increasingly challenging to even see deer activity, which was the case as this past season progressed.

Pros: I did see deer there but I could not really move my stand due to many walking trails. Easy access

Cons: Not really many places to hang a stand due to many walking trails.

Willard/Poitras

1 scouted only, 1 hunted only, 1 scouted & hunted

Seen many [deer] on camera up to the first week of October and then disappeared when the season opened. Never seen any hikers when I was hunting.

General comments (not to a particular property):

- Maps provided did not detail all trails found on the site.
- Some properties were rich in deer sign others surprisingly barren
- Not much food in the woods

What do you like about the Program?

- I enjoy the fact that I have access to new properties to hunt and have the ability to impact the environment in a positive way, along with enjoying the outdoors and providing food for my family and friends. It was also great to coordinate with other hunters on their experiences and strategy.
- The ability to have access to hunt new areas
- Allows you to hunt areas that would otherwise be unavailable.
- Everything

1/11/2022

- The program is well organized and provides an opportunity for the participants to enjoy the outdoors.
- I thought it was run well and I liked having my own piece of property to hunt!
- I like that it gives me property to hunt that isn't open to the public
- The opportunity to hunt in Harvard
- Assigning hunters to specific conservation lands. Reduction of approved hunters.
- Great
- Assigning people to properties
- Gives you the opportunity to hunt conservation land
- It's close to home

What could be improved about the Program? Is there anything that has been difficult about the Program?

- I think the properties should've been given out earlier in order to give hunters adequate time to scout.
- Next year please assign properties and give the green light to prepare weeks earlier
- More time for provided for scouting. Areas should be assigned in June to allow for summer scouting and game cameras to be placed in areas.
- The hunter's log is a good tool for the use of recording information, but it would be good to have wider access to historical info in the future.
- Allow all hunters to hunt all properties and force hunter communication during the season (ie to coordinate hunting on land and scouting reports).
- Muzzleloader would be nice as I would've had an opportunity but was out of ethical bow range.
- Nothing.
- I have a couple of suggestions. One of them is to explore the possibility of each hunter being allowed to have a "qualified guest" join them on their assigned property (hunting only when the property holder is hunting). Another suggestion is to explore some type of contact with the abutting landowners to each property, such as a letter from the Con-Com explaining the objectives of the program, which may assist that hunter to obtain additional acreage to effectively hang a stand and increase their opportunities of meeting those objectives. While on the subject of treestands, I don't believe they should be a requirement of the program. There may indeed be some well-qualified individuals who are not able to use or feel comfortable in a treestand. This is a topic that should be discussed at length.
- Open the low hunted Conservation properties to all approved hunters after the Deer Rut. Allow hunters to start scouting in July/August to identify their properties to hunt on. Assign hunters to properties NLT end of August. Give out hunter ids, tree stand tags, and vehicle parking passes NLT end of August. Allow hunters to setup trail cameras and tree stands on assigned properties starting in September.
- Yes, computer usage when you don't have one
- Hoping to know where we'll be hunting well before the season starts so we can do more scouting

Have you participated to the extent that you planned? If not, why not?

- Yes, but was hoping to harvest another deer!!
- I not as much as I would like, but this was due to deer activity at my area was not as consistent to another piece of property I hunt.
- No - better hunting elsewhere.
- I had more days planned with vacation time but my job canceled them due to projects.
- Not this year. had a medical issue I had to deal with.
- I participated more than the extent I planned--given the very short window of opportunity to scout the property before the season started.
- Yes! (x2)
- Yes, I hunted a lot
- The early season, I suffered a shoulder injury which left me at a disadvantage on being able to make time in the woods.
- I hunt by the weather and the amount of deer activity/movement that I capture on my trail cameras. Due to limited access onto Herman Orchard/Rodriguez and predominantly westerly winds, this in itself reduced the amount of hunting activity planned. There needs to be multiple accesses into Herman Orchard/Rodriguez to take advantage of the westerly winds.
- Yes I hunted Great Elms more than my other spots however only saw 1 deer
- Yes I have
- No, family got Covid and wife was pregnant. I did not get out nearly as much as I was hoping

This past season hunters were assigned properties to hunt. Did this work for you? If not, why? Would these locations be better rotating or fixed for the season?

- Yes, this definitely worked and I am hoping it continues. I was able to coordinate with other hunters and know who and when the properties were being hunted. Please keep this going!
- Not really - had 0 correspondence with other hunters and resulted in only hunting my designated property (imagine that was consistent for the broader group resulting in most land not being hunted regularly during the season). Would be better to allow all hunters to capitalize on the properties and ensure communication is done regularly to make sure hunts are coordinated, safe and effective.
- It worked for me since I got the property in my back yard and I've been able to get a better idea of where the deer are and are not as the season progressed.
- My opinion sometimes it takes a couple years to figure out a hunting spot. where are the deer feeding, what are they feeding on early season, late season. Travel routes. So, I like assigned hunting spots. Gives the hunter time to learn the spot.
- My opinion is that it would be better if the properties were not rotated. The properties were not assigned until September which allowed for very little time to effectively scout each property for the most productive stand locations. As most of you know, the most effective time to scout for deer is immediately after the season ends, when most of the previous season's sign is easily apparent, right up until the spring green-up, It stands to reason that once the hunters get a

better understanding of how the deer are using their assigned property, the harvest rate will undoubtedly increase. Depending on the effort put in by the hunter, this may take a season or two (or more) to accomplish, so rotating the properties would be counter-productive to the objectives of the program. The exceptions to this should be when a property is deemed not favorable to hunting due to limited acreage, set-back limitations, or too many other activities (hikers, bird watchers, dog walkers, etc.) The other exception should be when the hunter assigned to a particular property is looking to make a change, should there be an opening on a different property. One possibility worth discussing is to assign multiple properties (two, possibly three) to each hunter and leave it up to those individuals to work out who will be hunting and when.

- Yes it worked great! Fixed definitely.
- This is a tough question. I like the idea however, my assigned properties were promising but turned out to have little deer activity especially mid season. I was fortunate enough to share properties with a couple hunters and had choices of where to go. I think rotating properties during the season is a bad idea. I think continuing the tiered system based on seniority and participation is the way to go
- I had a camera stolen and another hunter set up within 24 yds from my stand...
- At first I was against assigning hunters to properties but by assigning hunters they are technically the only hunters on that property. It's like having their own private property to hunt. They don't have to worry about if another hunter was there earlier to spoil their hunt and not to mention ensuring a higher success rate in harvesting a deer.
- Yes
- Yes this did work for me
- No rotating; fixed for season good
- Assigned properties was a good idea.

If the Program returned to all approved properties open to all hunters, would you participate more or less?

- I would probably hunt the same or less. This opens it up to challenges with coordinating, properties being over hunted and decreased opportunities for success.
- Yes and No. I enjoy having access to one set of land but it would be nice to hunt other areas.
- MORE
- I'd try and get more days in. Esp if I can find where they go into the late season.
- yes
- I would participate less and feel less comfortable hanging cameras and stands.
- Probably less.
- I couldn't honestly answer that question until the season was underway
- Less
- I would return. I feel there are a lot more lands now than last year and it would be good to get a few more if possible
- Would participate less
- Less

How many deer did you take this season on Town of Harvard Conservation lands versus other lands?

- 1 on Conservation, 2 on private property
- 0 on Town of Harvard, 1 in Lancaster
- 0 vs 2
- Tag soup.
- None taken. Tag soup!
- One deer on conservation land and one deer elsewhere. Most of my time was on Harvard conservation land
- None (x3)
- One doe on Conservation land and one doe on Harvard private property.
- None taken on town conservation

Did you hunt at other locations with more or less success? Why? How much time did you spend elsewhere versus Town of Harvard Conservation Lands in the Program?

- I hunted private property locations about an equal amount of time. Harvesting two deer.
- I spent a majority of my time hunting in Lancaster due to I have spent more time scouting and had cameras up early to know activity and increase my chances of success.
- Hunted other locations outside of Conservation property because of quality of other spots holding more deer.
- I tried a few other locations but didn't scout them so it was more look for signs and hope to spot one.
- While zone 9 bow season was not opened yet, I hunted zone 10 and harvested 2 does. I've been hunting this property for years.
- I hunted other locations (my own property and properties in other towns) with limited success. Though I did have opportunities to harvest deer, (does and smaller bucks - I did not have a zone 9 antlerless tag) I passed on those opportunities while holding out for a particular deer I was after in those areas. My ratio to conservation land versus non-conservation land was approximately 70/30.
- Yes I hunted other locations but not much. One deer on conservation land and one elsewhere.
- I hunted approximately 92 hours on conservation land and 70 hours elsewhere
- Once gun season opened up, I spent more time on other properties. The reasoning was the lack of deer sign and activity on Harvard conservation property (Damon). Every time I hunted Damon, I discovered deer were feeding in yards and spent most of their time (bedding) adjacent to the yards on the Bolton side of the conservation property.
- I hunted about the same amount of time on both Harvard Conservation and Private properties.
- 2/3 more time
- Saw more deer on other lands. I think this is because I was able to hunt where I thought the deer were not just on the conservation parcel I was assigned to
- Yes more success, 1/2 on conservation, 1/2 on private
- None

Did you find the hunter log easy or difficult to complete, and why?

- Easy (x8)
- Was easy to enter info. Was nice not having to call in and out of the property this year and be able to see results as the season went on.
- It's a bit cumbersome. I mentioned mid season the trouble I had with hunter ID and case sensitivity. The date and time entries are not smooth
- Very easy though I'm second guessing why we need to record the weather conditions. If we are sharing this and other info with other hunters then I'm for it.
- Very easy but it would be helpful to be able to see the responses of others for information on movement
- Difficult because don't have computer

Would you discuss this on the phone with someone from the Deer Management Subcommittee?

- Yes (x12)
- No (x1)
- If anyone would like to talk to me I'm available

Other comments

- Thanks for a great season!! I look forward to next year!!
- I would like to see access to larger parcels such as Holy Hill. I would also like to see the areas assigned earlier than September. This allows scouting of assigned areas rather than wasted time scouting non assigned areas.
- Would be nice to have bow only through bow and shotgun seasons. Open it to bow and muzzleloader for the muzzleloader season.
- It's a great program, with a lot of folks that put a lot of time into it.
- Overall, the program appears to have good potential to meet its objective of being an effective management tool.
- I want to thank everyone who was involved in making this hunt happen! I had a great time in the beautiful woods of Harvard!
- Harvard DMS is a great Program with some tweaking need! Definitely there's some lessons learned from this Season.

Harvard Deer Management Program Survey for 2021 Season

Questions for those who participated in the fall 2021 deer hunt on Town of Harvard Conservation Land sponsored by the Town of Harvard Deer Management Subcommittee.

* Required

1. Hunter ID number *

2. Which properties did you visit for the 2021 season?

Check all that apply.

	Scouted	Hunted
Barrett	<input type="checkbox"/>	<input type="checkbox"/>
Blomfelt	<input type="checkbox"/>	<input type="checkbox"/>
Daman / Stephenson	<input type="checkbox"/>	<input type="checkbox"/>
Dunlap	<input type="checkbox"/>	<input type="checkbox"/>
Gillette	<input type="checkbox"/>	<input type="checkbox"/>
Great Elms	<input type="checkbox"/>	<input type="checkbox"/>
Hermann Orchard	<input type="checkbox"/>	<input type="checkbox"/>
Maxant	<input type="checkbox"/>	<input type="checkbox"/>
Perini	<input type="checkbox"/>	<input type="checkbox"/>
Rodriguez	<input type="checkbox"/>	<input type="checkbox"/>
Shaker Spring House	<input type="checkbox"/>	<input type="checkbox"/>
Vesenka	<input type="checkbox"/>	<input type="checkbox"/>
Willard / Poitras	<input type="checkbox"/>	<input type="checkbox"/>

3. Please comment on the pros and cons of the sites you visited.

4. What do you like about the Program?

5. What could be improved about the Program? Is there anything that has been difficult about the Program?

6. Have you participated to the extent that you planned? If not, why not?

7. This past season hunters were assigned properties to hunt. Did this work for you? If not, why? Would these locations be better rotating or fixed for the season?

8. If the Program returned to all approved properties open to all hunters, would you participate more or less?

9. How many deer did you take this season on Town of Harvard Conservation lands versus other lands?

10. Did you hunt at other locations with more or less success? Why? How much time did you spend elsewhere versus Town of Harvard Conservation Lands in the Program?

11. Did you find the hunter log easy or difficult to complete, and why?

12. Would you discuss this on the phone with someone from the Deer Management Subcommittee?

Mark only one oval.

Yes

No

Other: _____

13. Other comments

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Google Forms



Town of Harvard Open Space Committee

Select Board Update

January ??, 2022

OSC Goals for 2021 - Recap

- Using the OS prioritization model, create a plan recommending land for acquisition for open space and recreational use based on current and anticipated future demand.
 - ✓ Model updated with new data from ToH Assessors, MassGIS and UMass CAPS
 - ✓ Top 25 list created for OS protection
 - ✓ Potential sites for active recreation identified
- Finalize the capital improvement plan for the protection and development of open space and recreation.
 - ✓ Plan created for OS Protection based on historical spend
 - ✓ Major component of Active Recreation capital need identified

OSC Goals for 2021 - Recap

- Work with Town boards to identify private/non-profit, State and Federal funding sources.
 - ✓ Partnering with MDAR, CHP SVT and HCT on the CHP APR
- Act as Town liaison with individuals and land protection advocacy groups working to protect open space or develop recreational facilities with the authority to apply for, negotiate, and with appropriate approvals direct Town funding for OS acquisition.
 - ✓ Partnering with MDAR, CHP, SVT and HCT on the CHP APR
 - ✓ Submitted two applications to CPC for OS protection
 - ✓ In conjunction with P&R and the Schools, submitted a funding request to CPIC for a new recreation facility

OS Protection and Active Recreation

OS Protection

1. Identify the most important land to protect for

- Agriculture
- Ecologically Significant Areas
- OS Corridors for Wildlife and Humans
- Water & Wetlands

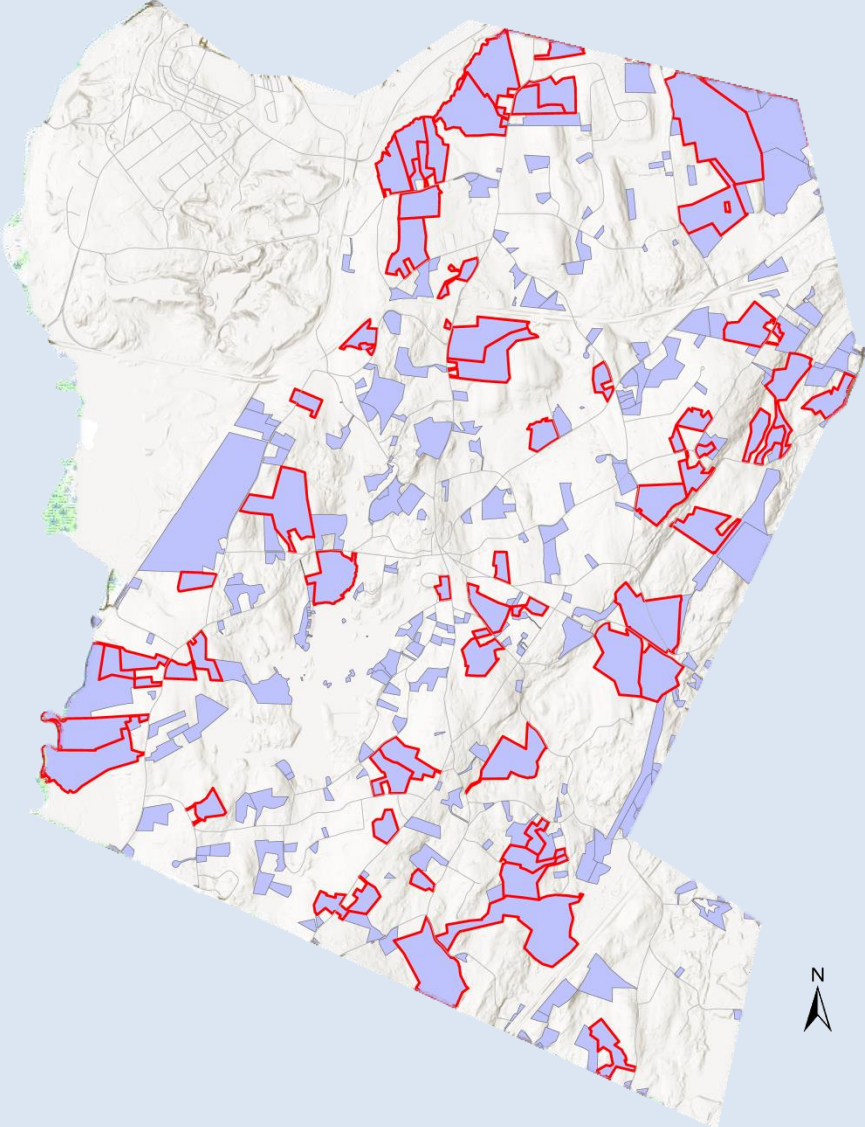
2. Identify the critical OS that is most likely to be developed

Active Recreation

1. Identify land suitable for active recreation with

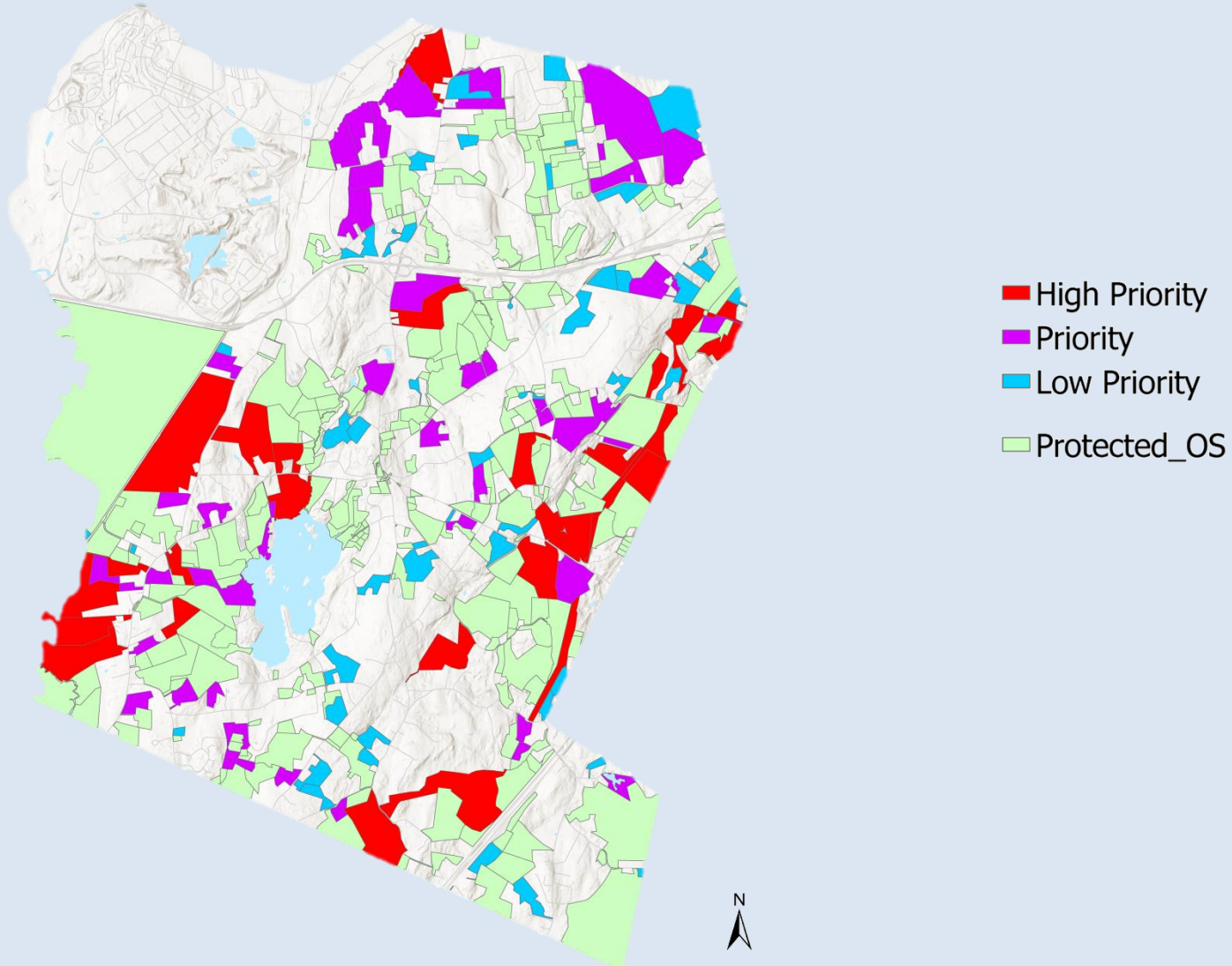
- Adequate size to support playing fields
- Level ground (slope $\leq 4^\circ$)
- Not in wetland/water buffers
- Outside Zone 1 wellhead protection areas
- Road access (> 50' of frontage)

Potential Active Recreation Sites

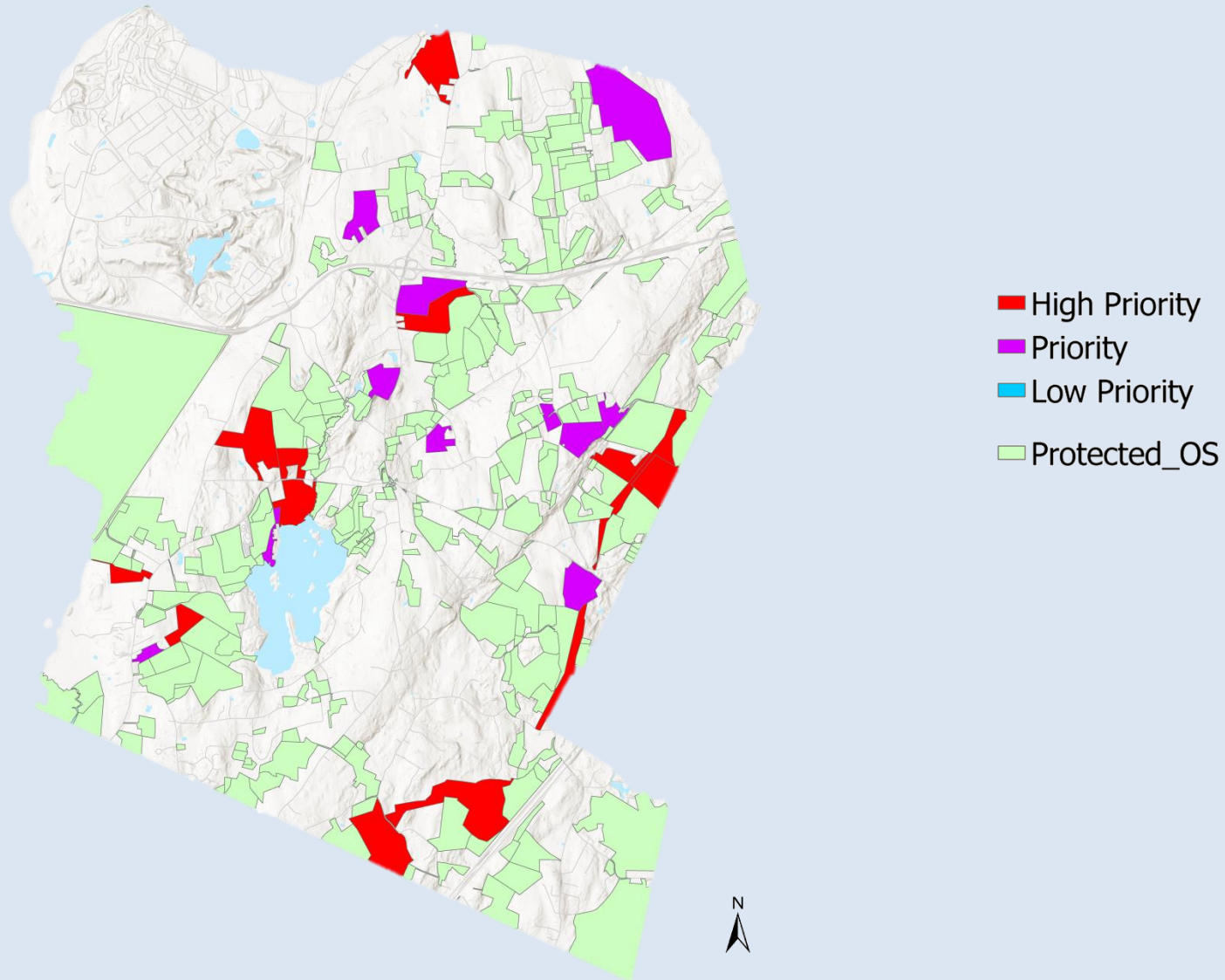


- Potential_Sites_for_Active_Rec
- Unprotected_Rec_OS

OS Protection – Priority Scoring



OS Protection – Top 25



CPC Funding Requests

CHP Orchard APR



Valuation and Funding

Appraised FMV \$2,800,000

Restricted Value \$ 210,000

APR value \$2,590,000

CHP Goal \$2,500,000

MDAR -\$1,239,000

ToH CPA fy2021 -\$ 150,000 (approved)

ToH CPA fy2022 -\$ 150,000 (approved)

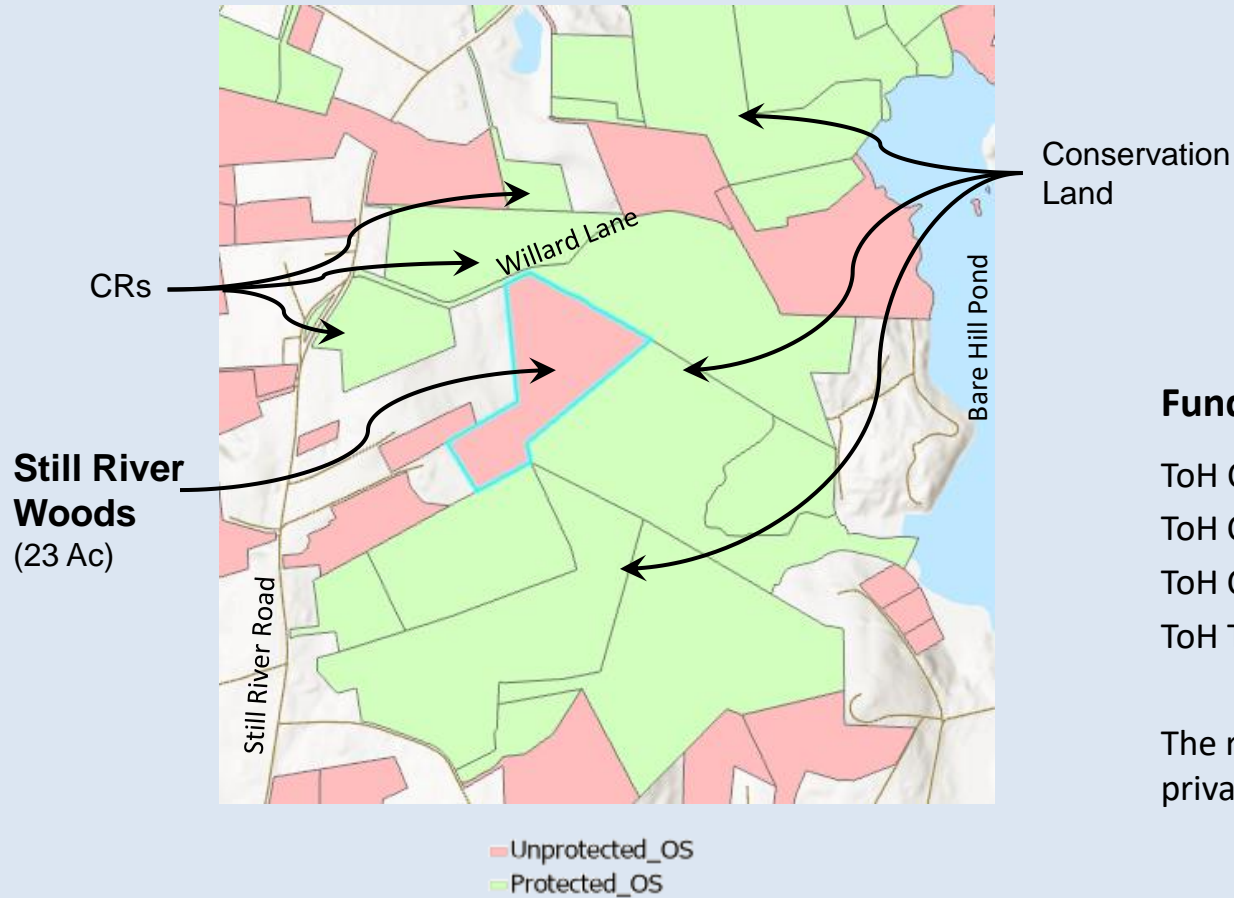
ToH CPA fy2023 -\$ 100,000 (requested)

Remaining \$ 861,000

The remainder of the funding will be raised privately by HCT, SVT and CHP through donations and grants.

CPC Funding Requests

Still River Woods



Funding

ToH CPIC fy2020	\$100,000 (approved)
ToH CPA fy2020	\$100,000 (approved)
ToH CPA fy2023	<u>\$ 50,000</u> (requested)
ToH Total	\$250,000

The remainder of the funding will be privately raised by HCT.

CPIC Funding Requests

Recreational Facility

- A joint application from P&R, the Schools and OSC was submitted to CPIC to fund a multi-field athletic complex
- After deliberation, CPIC recommended allocation of \$50K of capital funds for creation of an Active Recreation Stabilization Fund

OS & Recreation Capital Improvement Plan

Open Space Protection

- Average past spend by Town of \$215K / year
- Supplemented by \$511K / year average from other sources
- Recommend future spend of \$200K / year by Town increasing as land costs rise
- OS maintenance is the purview of ConCom as owner

OS Protection Funding

- Survey for 2016 OSRP showed broad support for protecting additional OS, and establishing a regular funding mechanism
- CPA funds have traditionally been used, but there is increasing competition for the available funds
- Capital expenditures have been used in limited situations

OS & Recreation Capital Improvement Plan

Active Recreation

- One major field project over the coming 10 years
- Potential for additional smaller scale projects (e.g., skate board park) but undefined at this point
- Field maintenance is the purview of P&R as owner
- OSC is looking for clarity on what additional information should be included

OSC Focus for 2022

OS Protection

- Finalize CHP APR and Still River Woods projects
- Initiate next OS protection projects

Active Recreation

- Working with P&R, evaluate the list of potential recreation sites for suitability for an athletic field complex
- Working with P&R, initiate discussions with land owners of the most promising sites
- Complete the Active Recreation capital plan

OSC Charter & Composition

- OSC's charter ends in May 2022
- OSC has had trouble obtaining a quorum
 - Suggest reduction by 2 members
 - Suggest replacing DPW Head with Director of Community Education and Recreation
- OSC's role in deal brokering and fund raising / commitment needs clarification
 - CPC requests & review
 - Conservation Fund expenditures

Open Space Protection Costs

Past Spend (2013 - 2021)

Open Space	Year	Acres	Purchase Price ^{1,2}	Funding Source ¹					
				Town	HCT ³	Other non-Profit ³	State / Fed	Abutter Lot ⁴	Trade Lot ⁵
Hoch	2013	11	200	200					
Brown	2013	42	675		675				
Fuller-Dudley Woods	2014	15	831	150	20			300	361
Willard	2015	48	550	550					
Mass Ave	2016	24	280	280					
Horse Meadows Knoll	2017	50	700		175	225			250
Smith	2018	13	38	38					
Grady	2018	10	330		330				
Callahan	2020	8	275		275				
Westward Orchards	2020	11	350		350				
<i>In process</i>									
CHP APR	2021	75	2500	300	400	400	1239		
Still River Woods	2021	23	<i>tbd</i>	200	<i>tbd</i>				
Total		330	6729	1718	2225	625	1239	300	611
Yearly average		41	841	215	278	78	155	38	76

- Notes:
1. All costs are in K\$; gifts are not included
 2. costs do not include ancillary fees such as legal, engineering, and maintenance
 3. *In Process* expense is projected.
 4. Abutter lots are protected in perpetuity by Conservation Restrictions
 5. Trade lots have no conservation protection

DRAFT
HARVARD CONSERVATION COMMISSION
MINUTES OF MEETING
JANUARY 6, 2022

Chair Don Ritchie called the meeting to order at 7:03pm, virtually, pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and signed into law on June 16, 2021, under MGL Chapter 131 §40 Wetland Protection Act and Code of the Town of Harvard Chapter 119 Wetland Protection Bylaw

Members Present: Don Ritchie, Wendy Sisson, Jaye Waldron, Joanne Ward, Jim Burns (arrived at 7:27pm), Mark Shaw and Eve Wittenberg (Associate Member)

Others Present: Liz Allard (Land Use Boards Administrator/Conservation Agent), Bruce Ringwall (GPR, Inc.), Valerie Hurley (Harvard Press), Matt Marro, Gail Henderson-King, Dan Wolfe (Ross Associates), Pat DeLuca, Chris Horne, Brian Cook (Planning Board Master Plan Liaison) and Kevin Ritchie (Civil Solutions)

Discuss Amendment to Site Plan – 175 Littleton County Road, DEP#177-694

Bruce Ringwall, of GPR, Inc., stated the recommendation from electric company is to take a direct route to the house from the common driveway across the fire pond, as opposed to the proposed electrical lines being installed along the length of the new driveway. Mr. Ringwall explained a trench will need to be dug across the pond in order to complete this work; however no trees will need to be cut. Mr. Ringwall was request the Commission determine if the existing Order of Conditions can be amended or a new Order of Conditions should be filed for this work. Wendy Sisson made a motion to allow for the existing Order of Conditions to be amended permitting the activity of providing electricity to the site. Jaye Waldron seconded the motion. The vote was unanimously in favor of the motion by a roll call, Wendy Sisson, aye; Jaye Waldron, aye; Joanne Ward, aye; Mark Shaw, aye; and Don Ritchie, aye.

Wendy Sisson asked if the mysterious water release she witnessed while on the Black Pond trial had been resolved. Liz Allard stated it had not. Mr. Ringwall thought it could be the release of the beaver dam from the pond along Littleton County Road. Questions arose about permitting received to breach a beaver dam and the installation of a beaver deceiver. Mr. Ringwall will discuss the issues with the owner and suggest a beaver deceiver be installed.

Appoint Representative to the Harvard Climate Initiative Committee

Joanne Ward made a motion to recommend Jaye Waldron as the Conservation Commission representative to the Harvard Climate Initiative Committee. Wendy Sisson seconded the motion. The vote was unanimously in favor of the motion by a roll call, Wendy Sisson, aye; Jaye Waldron, aye; Joanne Ward, aye; Mark Shaw, aye; and Don Ritchie, aye.

Approve Minutes

Wendy Sisson made a motion to approve the minutes of September 2 and December 16, 2021 as amended. Mark Shaw seconded the motion. The vote was unanimously in favor of the motion by a roll call, Wendy Sisson, aye; Jaye Waldron, aye; Joanne Ward, aye; Mark Shaw, aye; and Don Ritchie, aye.

2021 Annual Report

Liz Allard requested the Commission provide her with any items they would like included in the 2021 annual report. A draft will be prepared for the January 20th meeting.

Wetland Enforcement Update – 351 Ayer Road

Matt Marro, consultant for the property owner, reiterated the information provided in his evaluation of 351 Ayer Road, which concludes there are no jurisdictional wetlands on the site. Liz Allard detailed the properties on either side of 351 Ayer Road, each of which contains a wetland. The wetland at 349 Ayer

54 Road was shown on a site to be an isolated wetland, which would be consistent with the depth ground
55 water in the area. The site plan on file for 349 Ayer Road only details the wetland to the property line, but
56 Ms. Allard believes it would have continued on the property at 351 Ayer Road. The site plan for 355 Ayer
57 Road details a wetland resource area with only the 100' wetland buffer encroaching on 351 Ayer Road.
58 Therefore, at a minimum Ms. Allard can conclude there is buffer zone on this site in which activity has
59 occurred. Ms. Allard has repeatedly attempted to engage the Department of Environmental Protection
60 (DEP) Central Region for assistance with this violation, but has been unsuccessful in getting a response. It
61 has been suggested she contact Harvard's State Representative to provide assistance with getting
62 assistance from DEP.

63
64 Mr. Marro disagreed with the delineation completed for 349 Ayer Road, citing the information provided
65 within his report. Mr. Marro believes his assessment of the site is correct and offered to file a Notice of
66 Intent for the activity within the 100' wetland buffer zone from 355 Ayer Road.

67
68 The Commission was agreeable to contacting the State Representative for assistance. Mr. Marro will also
69 try to make contact with DEP.

70
71 **Request for Determination of Applicability Hearing - Regis M. Magnus Irrevocable Children's Trust, 17**
72 **Ann Lees Road, Harvard#1221-01.** Opened at 7:38pm

73
74 **Notice of Intent Hearing - Stanton Henderson, 265 Stow Road, Harvard#1221-02.** Opened at 7:47pm

75
76 **Pine Hill Village Update**

77 Liz Allard asked if any of the members had any advice on maintaining the grass pavers used for the front
78 walkways at each of the units, in particular during the snow season. Ms. Allard has found plenty of details
79 for maintaining the grass pavers in general, but nothing specific to snowy conditions. Although the
80 members had no advice to offer they did recommend all permanent conditions under the Order of
81 Conditions and the homeowner agreements be reviewed to be certain snow is not being placed into the
82 constructed wetland or drainage swales.

83
84 **Adjournment**

85 Jaye Waldron made a motion to adjourn the meeting at 8:05pm. Jim Burns seconded the motion. The
86 vote was unanimously in favor of the motion by a roll call, Wendy Sisson, aye; Jaye Waldron, aye; Joanne
87 Ward, aye; Jim Burns, aye; Mark Shaw, aye; and Don Ritchie, aye.

88
89 Respectfully submitted,

90
91
92 Liz Allard,
93 Land Use Administrator/Conservation Agent

94
95 **EXHIBITS & OTHER DOCUMENTS**

- 96
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- Conservation Commission Agenda, dated January 6, 2022
 - Evaluation of 351 Ayer Road, Matthew Marro, December 20, 2021
 - Sewage Disposal System Regis M. Magnus Irrevocable Children's Trust, #17 Ann Lees Road, Harvard, MA, Job No. 33662, Plan No. L-14453, December 2021
 - Sewage Disposal System Plan, 265 Stow Road Harvard, Massachusetts, Job No. 21-077, DWG No. 21-077GM, Civil Solutions, Inc., 11/30/21

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Harvard Conservation Commission
Request for Determination of Applicability Hearing
Regis M. Magnus Irrevocable Children's Trust,
17 Ann Lees Road, Harvard#1221-01
January 6, 2022

The public hearing was virtually opened at 7:38pm by Chair Don Ritchie, pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and signed into law on June 16, 2021, under MGL Chapter 131 §40 Wetland Protection Act and the Code of the Town of Harvard Chapter 119 Wetland Protection Bylaw.

Members Present: Don Ritchie, Wendy Sisson, Jaye Waldron, Joanne Ward, Jim Burns, Mark Shaw and Eve Wittenberg (Associate Member)

Others Present: Liz Allard (Land Use Administrator/Conservation Agent) and Dan Wolfe (Ross Associates)

This hearing was for a Request for Determination of Applicability was filed on behalf of Regis M. Magnus Irrevocable Children's Trust for the removal of two existing leaching pits within the 100' wetland buffer zone at 17 Ann Lees Road, Harvard.

Dan Wolfe, of Ross Associates, detailed the site at which two existing leach pits are within the 100' wetland buffer zone. Both of these pits will be removed as part of the process of installing a new septic system at the front of the property, outside the 100' wetland buffer zone. Commission members reviewed the site earlier this week. Wendy Sisson requested a berm or woody vegetation be installed at the top of the slope to prevent direct runoff of storm water from the area proposed to be loamed and seeded after activity to remove the pits occurs. Mr. Wolfe explained there is no proposal to loam and seed the area, but to simply remove the existing leach pits. Ms. Sisson retracted her request.

Jim Burns made a motion to close the hearing and issue a Negative#2 Determination of Applicability. Joanne Ward seconded the motion. The vote was unanimously in favor of the motion by a roll call, Wendy Sisson, aye; Jaye Waldron, aye; Joanne Ward, aye; Jim Burns, aye; Mark Shaw, aye; and Don Ritchie, aye.

Respectfully submitted,

Liz Allard,
Land Use Administrator/Conservation Agent

**Harvard Conservation Commission
Notice of Intent Hearing
Stanton Henderson, 265 Stow Road,
Harvard#1221-02
January 6, 2022**

The public hearing was opened at 7:47pm by Chair Don Ritchie under MGL Chapter 131 §40 Wetland Protection Act and the Code of the Town of Harvard Chapter 119 Wetland Protection Bylaw virtually, pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and signed into law on June 16, 2021.

Members Present: Don Ritchie, Wendy Sisson, Jaye Waldron, Joanne Ward, Jim Burns, Mark Shaw and Eve Wittenberg (Associate Member)

Others Present: Liz Allard (Land Use Administrator/Conservation Agent), Kevin Ritchie (Civil Solutions) and Gail Henderson-King

This hearing is for a Notice of Intent filed on behalf of Stanton Henderson for the replacement of a failed sewage disposal system within the 100' wetland buffer zone at 265 Stow Road, Harvard.

Kevin Ritchie, of Civil Solutions, detailed the site which includes wetland resource areas on both sides of the property, leaving only a small area within the back yard outside of the 100' wetland buffer zone. Members of the Commission reviewed the site earlier this week. Mark Shaw asked about access to the site. Mr. Ritchie stated all access will be from the existing driveway.

Without a Department of Environmental Protection file number the hearing had to be continued. Jaye Waldron made a motion to continue the hearing to January 20, 2022 at 7:30pm. Joanne Ward seconded the motion. The vote was unanimously in favor of the motion by a roll call, Wendy Sisson, aye; Jaye Waldron, aye; Joanne Ward, aye; Jim Burns, aye; Mark Shaw, aye; and Don Ritchie, aye.

Respectfully submitted,

Liz Allard,
Land Use Administrator/Conservation Agent

TOWN OF HARVARD

Expense, Travel and Conference Reimbursement Request

Name: Liz Allard

DEPARTMENT: Land Use

DATE: 12/31/2021

CONFERENCE REIMBURSEMENT INSTRUCTIONS

- 1) Please attach an agenda summary with event dates; required for overnight reimbursement.
- 2) Please attach itemized cash and credit card receipts.
- 3) Do not include non-conference local travel; see bottom section.
- 4) Advance payment by personal credit card not permitted.

DATE: _____

LOCATION: _____

PURPOSE/EVENT: _____

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total
Date:								
Hotel								\$ -
Registration								\$ -
Breakfast								\$ -
Lunch								\$ -
Dinner								\$ -
Taxi-Limousine								\$ -
Public Transportation								\$ -
Mileage (@ 48.5 cents)								\$ -
Telephone (Business Only)								\$ -
Parking and Tolls								\$ -
Air Fare								\$ -
Other								\$ -
CONFERENCE SUBTOTAL								\$ -

EXPENSE REIMBURSEMENT

Vendor:	Purpose:	\$	-
Vendor:	Purpose:	\$	-
Vendor:	Purpose:	\$	-
EXPENSE SUBTOTAL			\$ -

LOCAL TRAVEL REIMBURSEMENT

(for local, non-conference travel only)

Purpose: Site Walks & Inspections	Location/Date: See Attached	204.7	Miles @ .56¢	\$	114.63
Purpose:	Location/Date:	0	Miles @ .56¢	\$	-
Purpose:	Location/Date:	0	Miles @ .56¢	\$	-
Purpose:	Location/Date:		Miles @ .56¢	\$	-
Purpose:	Location/Date:		Miles @ .56¢	\$	-
LOCAL TRAVEL SUBTOTAL					\$ 114.63

TOTAL REIMBURSEMENT: \$ 114.63

Signature: _____

Approved: _____

PLEASE ATTACH RECEIPTS TO VERIFY CASH AND CREDIT CARD EXPENSES

Mileage Log

Total mileage recorded: 204.7

Date	Location	Purpose	From	To	To	Commission/ Board	
7/1/2021	Various	Site & Tree Inspections	13 Ayer Road	53 Turner Lane	193 Old Littleton Rd	ConCom	
			193 Old Littleton Rd	131 Bolton Rd	13 Ayer Road	ConCom	
7/6/2021	28 Shaker Rd	Site Walk	13 Ayer Road	28 Shaker Road	13 Ayer Road	ConCom	
7/6/2021	53 Turner Lane	Tree Re-Inspection	13 Ayer Road	53 Turner Lane	13 Ayer Road	ConCom	3.2
7/12/2021	Various	Site Inspections	13 Ayer Road	~266 Stow Rd	~361 Ayer Road	ConCom	10.3
			~361 Ayer Road	13 Ayer Road		ConCom	3.3
7/13/2021	71 Lancaster County Rd & Stone Land	Site walks	13 Ayer Road	71 Lancaster County Rd	~22 Old Mill Road	ConCom	3.7
			~22 Old Mill Road	13 Ayer Road		ConCom	2.6
7/15/2021	175 Littleton County Rd & Thurston's Cove	Site Inspection/ wetland violation	13 Ayer Road	175 Littleton County Road	~10 Peninsula Rd	ConCom	7.6
			~10 Peninsula Rd	13 Ayer Road		ConCom	2.5
7/19/2021	Pine Hill Village	Site Inspection	13 Ayer Road	~266 Stow Road	13 Ayer Road	ConCom	7.0
7/19/2021	Trail Ridge	Site Inspection	13 Ayer Road	Trail Ridge Way	13 Ayer Road	ConCom	6.4
7/26/2021	51½ Old Shirley Road	Erosion Control Inspection	13 Ayer Road	51½ Old Shirley Road	13 Ayer Road	ConCom	4.0
7/27/2021	Vaious	Site Inspection/COC	13 Ayer Road	175 Littleton County Road	5 Haskell Lane	ConCom	5.9
			5 Haskell Land	13 Ayer Road		ConCom	1.3
8/2/2021	Various	Site Inspections/ECB	13 Ayer Road	23 Peninsula Rd	51½ Old Shirley Road	ConCom	8.8
			51½ Old Shirley Road	94 Ayer Road	13 Ayer Road	ConCom	2.1
8/3/2021	175 Littleton County Road	Site Inspection	13 Ayer Road	175 Littleton County Road	13 Ayer Road	ConCom	5.4
8/3/2021	28 Shaker Road	Site walk	13 Ayer Road	28 Shaker Road	13 Ayer Road	ConCom	5.8
8/3/2021	Various	Site review w/ Consultant	13 Ayer Road	Trail Ridge Way	~266 Stow Road	ConCom	7.9
			13 Ayer Road			ConCom	3.5
8/9/2021	Ginny Thurston Trail	review maintenance plan	13 Ayer Road	~16 Lancaster County Rd	13 Ayer Road	ConCom	4.0
8/11/2021	204 Ayer Road	ECB Inspection	13 Ayer Road	204 Ayer Road	13 Ayer Road	ConCom	3.6
8/23/2021	Various	Site Inspections	13 Ayer Road	28 Shaker Road	30 Jacob Gates road	ConCom	7.8
			30 Jacob Gates Rd	13 Ayer Road		ConCom	2.7
9/7/2021	Various	Tree Inspection & Site walks	13 Ayer Road	84 Warren Ave	Pond Road (wells)	ConCom	2.5
			Pond Road (wells)	39 Jacob Gates Rd	13 Ayer Road	ConCom	5.3
9/13/2021	Bare Hill Pond dam	Draw Down Prep	13 Ayer Road	~36 Willow Rd	13 Ayer Road	ConCom	1.6
9/14/2021	28 Shaker Rd	Site Inspection	13 Ayer Road	28 Shaker Road	13 Ayer Road	ConCom	5.8
9/16/2021	20 White Lane	Encroachment	13 Ayer Road	20 White Lane	13 Ayer Road	ConCom	6.2
9/28/2021	23 Peninsula Road	Site Inspection	13 Ayer Road	23 Peninsula Rd	13 Ayer Road	ConCom	3.8
10/13/2021	7 Peninsula Road	Fire Dept Inspect to Burn	13 Ayer Road	7 Peninsula Road	13 Ayer Road	ConCom	3.8
10/28/2021	105 Ayer Road	ECB Inspection	13 Ayer Road	105 Ayer Road	13 Ayer Road	ConCom	1.8
11/1/2021	Old Mill Road	ECB Inspection	13 Ayer Road	~22 Old Mill Road	13 Ayer Road	ConCom	5.2
11/2/2021	131 Bolton Road	Restoration Inspection	13 Ayer Road	131 Bolton Rd	13 Ayer Road	ConCom	3.4
11/9/2021	131 Bolton Road	Site Walk	13 Ayer Road	131 Bolton Rd	13 Ayer Road	ConCom	3.4
11/9/2021	113 Poor Farm Road	Site Inspection	13 Ayer Road	113 Poor Farm Rd	13 Ayer Road	ConCom	4.4
11/10/2021	Pine Hill Village	Water Sampling	13 Ayer Road	~162 Stow Road	13 Ayer Road	ConCom	5.2
11/16/2021	Various	Site & Erosion Control Inspections	13 Ayer Road	~162 Stow Road	23 Peninsula Rd	ConCom	3.1
			23 Peninsula Road	~19 Pond Road	13 Ayer Road	ConCom	2.2
11/29/2021	Variuos	Site walks	13 Ayer Road	2 Wilroy Avenue	26 Madigan Lane	ConCom	6.4
			26 Madigan Lane	197 Littleton Rd	13 Ayer Road	ConCom	5.0
12/1/2021	77 West Bare Hill Road	Tree Inspection	13 Ayer Road	77 West Bare Hill Rd	13 Ayer Road	ConCom	5.0
12/22/2021	Old Mill Road	Final Inspection	13 Ayer Road	~22 Old Mill Road	13 Ayer Road	ConCom	5.2

MOORE LUMBER & HARDWARE
22 WEST MAIN STREET
AYER, MA 01432
FAX (978)772-0396
PHONE: (978) 772-0900
WWW.MOORELUMBER.COM

SOLD TO: SCOUT PROJECT
SCOUT PROJECTS

CUST NO: 62620
TERMS: Net EOM

DATE: 9/11/21 TIME: 8:46
CLERK: 81 TERMINAL: 630
SALESPERSON: 81 SPENCER L
TAX: NON NON TAXABLE SALE

APPLY TO: TIM
REFERENCE: PO # TIM
JOB NO: 000

SHIP TO: ZOBBI/SCOTT R

INVOICE: B93191/1

LINE	QTY	UM	SKU	DESCRIPTION	UNITS	SUGG	PRICE/	PER	EXTENSION	
2	2	EA	448PT	4x4-8' #1 PRESSURE TREATED GC	2		9.39	/EA	18.79	CN
3	4	EA	21010PT	*2x10-10' #1 PRESSURE TREATED	4		18.65	/EA	74.62	CN
4	1	BX	16GC	LB.16D GALV COM NAIL HOT/D 3 1/2	1		2.33	/BX	2.33	CN

** PAID IN FULL **

95.74

TAXABLE 0.00
NON-TAXABLE 95.74
SUBTOTAL 95.74

TAX AMOUNT 0.00

BANKCARD PAYMENT
BKCRD# XXXXXXXXXXXXX6633

95.74

TOTAL	95.74
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MID: ****7484

TOT WT: 0.00

APP: 701164

XR: 193191

X _____
Received By