#### 11/26/21

This is regarding the solar project at the Hudson National course. You are entrusted with the vitality and future of Croton on Hudson – it's why you were elected to be in the office that you currently hold.

I am a resident of Croton on Hudson 10520, and I implore you to keep in mind the mission that you were elected to accomplish.

The beauty and natural environment of 10520 is what almost everyone who has moved here, and has remained over many decades (as my family has), came here to appreciate. It is one of the most remarkable things about us, and our area. While you may have several balls to juggle, don't relegate this important reason for your election to a less than prominent position.

Many many questions remain unanswered regarding the project. An environmental impact study and clear and concise statement is lacking. Transparency about this is needed. Alternative sites that do not mar the landscape of our scenic hills need to be explored and considered. Existing dead space that can be used will benefit the entire Croton community – and that's what should be considered and weighted into any decisions you make on such a project.

Please become more familiar with the environmental impact of deforesting multiple acres on steep sloping lands. This is our environment, and our homes, you are weighing.

I implore you to act responsibly, and not be swayed from your duty to the larger community who put you into office.

Thank you.

Dr. Charles F Morrissey and family

Croton on Hudson, 10520

Good morning Bryan! I've just found about the above and I'm shocked! Why would the village allow them to cut down 600 trees that absorb CO2 and when we have a law that prohibits this action under the steep slopes law? Please don't allow them to do this. Thanks John 106 Upper North Highland place Croron-on-Hudson

John C. Swensen President Tri-State Envelope Corp. FSC&SFI Certified 2777 Summer Street Suite 506 Stamford, CT. 06905 Home Office 914-271-9616 C 914-649-3395 Good morning. I hope you all had a great Thanksgiving,

Before I left for vacation I had a chance to speak with someone from HNGC regarding the project. It was a very good conversation.

I have a couple of questions for this board however.

First this area was designated a no disturbance area, why are we considering waiving that?

Why does the Golf course insist in leasing this particular plot when studies have repeatedly shown parking lots are far better locations as they have a minimum environmental impact.

As I told the person I met with I WANT them to put in solar, but I have a huge concern with the current location.

I can possibly support it if it's not simply a matter of asthetics for their members (which they indicated played a very large part in the current choice of location).

Thanks,

Geoff

Geoff Hamilton Founder, Croton Hiking and Outdoors Club 914-839-0409 Please forward to board. I oppose the clear cutting to install solar in Croton

Thanks, Lauren Davis Sent from my iPad Dear Mayor Brian Pugh and Trustees,

As a member of Croton 100 I am familiar with their letter to you dated 9 Nov. and the arguments therein, which are in my view both compelling and demonstrable.

Rather than analyze and recite these to you yet again, I would like to make a different point, which is that in my nearly 50 years in the community I can think of no worthwhile project, be it Half Moon Bay, Croton Landing, the Harmon rezoning, the dog park, the Katz property development or the recent reconfiguration of Veterans Plaza, that hasn't been met with vigorous resistance by a small group of naysayers. I would not be surprised if a number of the same citizens participated in some of these adversarial efforts to thwart what the town government and most of its people saw as clear enhancements or necessities.

So I encourage you not to be deterred, in assessing the Hudson National solar project, by the specious or misguided objections of the "Croton Deserves" cohort, rather use your good judgment to approve a project in which the negatives are so clearly outweighed by the positives.

Sincerely, Andrew Fitch

## Good morning,

I hope you all had a safe and enjoyable Thanksgiving.

I have been reading in the Croton Gazette and Croton FB pages about the proposed solar project at the Hudson National Golf Club with increasing concern and wish to express my opposition to the current proposal as it stands where it involves cutting down mature trees on a steep slope.

I live on Franklin Avenue and was one of the neighbors blindsided by the mass removal of old growth trees on Piney Point and Nordica. The lack of foresight on this project is one that will impact the integrity of the the Croton Gorge for generations to come.

I am in full support of green energy and environmental responsibility. However, that responsibility needs to encompass the appropriateness of undertaking a project and should not result in other harmful environmental impacts by removing old growth trees which potentially can cause flooding, erosion and impact the habitat of animals who depend on the trees that are currently there.

I know you want to be good stewards of the village of Croton, Please think carefully of the impact of this proposed solar project as it currently stands. I am sure there are other ways to obtain the required solar energy in a way that is not so invasive.

I will continue to monitor the handling of this project and hope it does not result in an outcome like the one we saw at Piney Point. I would greatly welcome hearing feedback from any of you on the status of this proposal and your mindset.

Regards,

Bettina Mayer 24 Franklin Avenue I believe it is not in the best interests of the residents of Croton-on-Hudson for you to allow Hudson National Golf Course to destroy our environment. Clear cutting 7 acres of trees on steep slopes, as proposed, will cause significant drainage, erosion and flooding hazards as well as pose a threat to our wildlife. Solar that fractures important wildlife habitats is not environmentally sound. Almost 600 CO2 sequestering trees will be destroyed in what the village and the golf course had agreed would be an environmental "No Disturbance Zone."

Why has the Board not asked for a full Environmental Impact Statement (EIS), as is our right - and, for a project this size, duty -

to demand? There are environmental red flags all over this project that should trigger an EIS, but none has been forthcoming. In fact, the village's own Conservation Advisory Council voted not to endorse this project by 5-1. Your first obligation should be to the welfare of the residents of Croton-on-Hudson, not the financial interests of Hudson National Golf Course. And why are you so willing to overlook the part of the Steep Slopes Law that prohibits disturbance unless there is no alternative?

I will be closely watching how you conduct yourselves in this matter.

Dov Stern 15 Robin Lane Croton-on-Hudson, NY 10520 Dear Mayor, Board of Trustees and Board Manager,

Please enter into the record this exception taken to Chazen's statement regarding the visibility of the proposed Solar Array from the Riverwalk, "At those distances, the visibility of the array will be minimal at best" made in Nick Vamvas' memo to the Board dated November 2021 (see attached).

As a licensed architect with over 30 years experience, it is my educated opinion, based on my study of the proposed site plan, my analysis of 3D models generated by architect Mitchell Bring, and my hours spent walking the Riverwalk that the proposed Solar Array will be highly visible.

If Chazen has generated models or analyses to back up this statement, I would like to see them. If they have not, I would like to object to this unsubstantiated opinion being put forward in an official document designed to inform the governing institutions of our Village.

As I have mentioned previously, it is standard practice in cases where projects will have an effect on sensitive views to require from the applicant detailed view analyses FROM LOCATIONS DICTATED BY THE VILLAGE AND NOT THE APPLICANT as well as renderings of the project.

Please take these thoughts into serious consideration before our ridgeline is irrevocably altered.

I have also attached a PDF of this text in case you need that for filing.

Thanks, Susan Ealer 5 Prickly Pear Hill Road

#### **HUDSON VALLEY OFFICE**



21 Fox Street Poughkeepsie, NY 12601 P: 845.454.3980 or 888.539.9073 www.chazencompanies.com

#### **MEMORANDUM**

To: Bryan Healy, Village of Croton-on-Hudson Village Manager

CC: Linda Whitehead, Village Attorney

From: Nick Vamvas
Date: November, 2021

Re: Hudson National Golf Club/Matrix Development, LLC – Solar Project – Public Comment Review

Project #: 82050.00

The following are our notes on various public comments regarding the installation of ground-mounted solar panels at the Hudson National Golf Club.

#### EMAIL AND VIEW STUDY FROM SUSAN EALER

Ms. Ealer prepared a view study roughly indicating the location of Hudson National Golf Club (HNGC) from various points along the Croton On Hudson Riverwalk. Her contention is that the site will be visible not just from Croton point but from many vantages along the Riverwalk. This is likely to be the case, but that does not mean the proposed array will have a significant impact on views in the area.

The New York State Department of Environmental Conservation's program policy titled "Assessing and Mitigating Visual and Aesthetic Impacts" notes that an impact occurs "when there is a detrimental effect on the perceived beauty of a place or structure." So, unless visitor's perception of the beauty of the Riverwalk is tied to the view of those 6.4 acres of trees (or 7.4 acres as noted in the Habitat Assessment) to be removed, then it's difficult to say there is an impact on the Riverwalk by the proposed project. Furthermore, the public resources along the Hudson River span an area roughly ½ mile to 1-1/2 miles from the proposed solar array. At those distances, visibility of the array will be minimal at best.

#### EMAIL FROM SHARON LAZAROV, NOVEMBER 7, 2021

Ms. Lazarov's email raises concerns about flooding on High Street of a stream that originates at HNGC. This stream will not be affected by the proposed solar array. Runoff from that area of the club discharges either to neighboring parcels on Albany Post Road or down Prickly Pear Hill Road through drainage structures that direct runoff toward Hudson River.

#### EMAIL FROM JOHN EALER, NOVEMBER 4, 2021

Mr. Ealer's email asks for clarity on the total count of trees to be removed. The proposed disturbance line has shifted since there were 587 proposed removals, specifically along Prickly Pear Hill Road. That shift appears to have decreased the number of removals needed. However, it appears the applicant may have included some trees in the "no impact >8" D.B.H." category that could be affected by the proposed site (i.e. within or very near the proposed disturbance limit line). The applicant should be asked to recalculate the tree removals and to clarify which trees were included in the study. Though presumed to be trees greater than 4" D.B.H., this was not clear in any of the documents reviewed by this office. This is also of concern for the habitat study. Trees greater than 5" D.B.H. could be suitable habitat for the Indiana Bat. Perhaps the tree count could be modified to include a category for trees greater than 5" D.B.H.

#### CONCERN OVER SEQUESTRATION OF GREENHOUSE GASSES

The applicant provided an exhibit titled "Hudson National – Matrix Environmental Offset Summary" compiled by Sea Bright Solar LLC. The summary utilizes the U.S. Environmental Protection Agency Greenhouse Gas Equivalencies Calculator and the U.S. Department of Energy's Method for Calculating Carbon Sequestration by Trees in Urban and Suburban Settings. This is an industry standard tool used to quickly demonstrate the positive effect of the development of solar energy facilities. It appears the calculation was done on May 20, 2020. We have the following questions and comments on this summary:

- 1. Has the applicant submitted a copy of a draft or final interconnection agreement with ConEdison? Is the nameplate capacity of 1.86 MW going to be the final approved generation capacity? If not, please provide an updated calculation with the updated generation capacity.
- 2. Is the total electric production number based on the nameplate capacity or an actual production model?
- 3. If an electrical production model is used to determine the annual output, what assumptions are made on the loss of power generating capacity due to the age of the system? Wouldn't the carbon sequestration in year 25 be less than that in year 1? It would be helpful to see the difference in the year 1 and year 25 values.

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Dear Board of Trustees,

In response to HNGC's inability to catalog wildlife species when they conducted their Biological Assessment of the No-Disturbance Area and in response to comments put forward in Village Board Meetings like, there are "only bunnies and woodchucks in those woods," the residents bordering the No-Disturbance Area have collected photos of some of the wildlife we enjoy seeing on a regular basis. Some of these are protected wetland species.

I have attached the flyer I put together using these photos. We are currently posting this to inform people of the important habitat that is being threatened by the Solar Project.

Please take a look at it, consider the lives of these animals, and vote to save their habitat. Please also enter this into the public record.

Thank you, Susan Ealer 5 Prickly Pear Hill Road



Stop the Destruction of Croton's Forested Wildlife Habitat on Prickly Pear Hill!

Tell the Village Board not to let HNGC build solar in a No-Disturbance Area

**HERONS BUTTERFLIES BOBCATS FOXES WILD TURKEYS CHIPMUNKS EAGLES DEER SWANS SNAKES TURTLES GROUNDHOGS OWLS HAWKS FROGS SQUIRRELS** 

\*\*ALL PHOTOS TAKEN ON SITE COURTESY OF YOUR FRIENDS ON PRICKLY PEAR HILL I write in support of the solar project proposed for Prickly Pear Hill. There is no time to waste in our collective efforts to mitigate and reverse the effects of climate change. Generating electrical energy without negatively impacting the climate situation is imperative, especially in the wake of the reduced energy production as a result of the closure of Indian Point.

I am more than satisfied that the proposed project has taken steps to preserve biodiversity and minimize negative environmental impacts.

This project will make a large net positive impact on our planet's sustainability.

Sheryl Goldberg

Dear Mayor Pugh, Assistant Manager Healy and Trustees Gallelli, Horowitz, Rosales and Simon:

Please do not allow this project to proceed. As a homeowner living along the perimeter of HNGC (on Hessian Hills Rd), HNGC has not proven to be a good neighbor.

The golf course routinely does landscaping with power landscaping tools before 8 a.m. on weekdays. Enough trees were lost when HNGC and Arrowcrest development were first built. We do not need further tree loss on steep hills.

In addition, when HNGC first opened it sent a letter to neighbors alerting us to fire works at the facility, This did not happen this year. This fall's fireworks display had no notification and was the largest and loudest show to date. Our house shook and rattled and our windows buzzed and vibrated for approximately one hour. It is not and understatement to say it felt like WWIII.

It is not in the interests of Croton on Hudson and its residents for this project to advance. It is solely to benefit HNGC and its members at the detriment to everyone else.

Please do not let this advance.

Laurel Mastrogiovanni

217 Hessian Hills Rd.

Dear Mayor Pugh, Assistant Manager Healy and Trustees Gallelli, Horowitz, Rosales, and Simon:

Please do not allow this project to proceed. As a homeowner living along the perimeter of HNGC (on Hessian Hills Rd), HNGC has not proven to be a good neighbor in my 20 years in residence. The golf course routinely does landscaping with power landscaping tools before 8 a.m. on weekdays. Enough trees were lost when HNGC and Arrowcrest development were first built. We do not need additional tree loss on steep hills. In addition, when HNGC first opened it sent a letter to neighbors alerting us to fireworks displays at the facility, This did not happen this year. This fall's fireworks display had no notification and was the largest and loudest show to date. Our house shook and rattled and our windows buzzed and vibrated for approximately one hour. It is not and understatement to say it felt like WWIII.

It is not in the interests of Croton on Hudson and its residents for this project to advance. It is solely to benefit HNGC and its members at the detriment to everyone else in the community.

Please do not let this advance.

Thank you for your attention to this matter in advance,

Jim Shevlin 217 Hessian Hills Road Croton, NY 10520 Good morning, trustees,

I have been following the progress and eagerly anticipating the Prickly Pear Solar Project slated for unused property owned by the Hudson National Golf Course. It is one more way we as a community can change our carbon footprint, show a forward-thinking ideology that truly considers future generations - our children's, grandchildren's and even great-grandchildren's lives.

This letter is to show support for the project. We all need to adjust our living style somewhat in order to make critical changes if we are to bolster the health of our planet before it is too late. Time is of the essence. This is a project that will do just that: lower our carbon footprint and create sustainable energy. Extensive research of the project shows the benefits far outweigh minor adjustments to the property with no serious threat to drainage, views or foliage.

I hope Croton on Hudson will be a leader in this movement and support the Prickly Pear Solar Project.

Best, Molly Williamson

--

Molly Williamson
Executive Director, Rolling Pin Film Productions
Croton on Hudson, NY 10520
914-262-8970
mwmson4@gmail.com; molly@rollingpinfilm.com

www.rollingpinfilm.com

Dear Members of the Croton-on-Hudson Village Board,

Recently a letter was shared that was directed to the Village Board from the group Croton100. Although their aims are well-focused I believe they've been misled by information that was not studied closely enough.

I ask the Village Board to continue to take a very close look at the details presented by the applicant(s) for the HNGC solar plan and realize this is not the right site for what should be beneficial to all.

The attached letter takes a close look at some of the points Croton100 made which appears to rely heavily upon the talking points of the applicant(s) without vetting the details.

Also attached is a spreadsheet listing all of the proposed tree cuts, sorted by age. The worksheets analyzing these tree counts are all based on the Tree Inventory and site plan maps provided by the applicants.

Thanks for your time and consideration.

Steve Varvaro

Steve Varvaro & Beddy LoBalbo 1263 Albany Post Road Croton-on-Hudson, NY 10520

The Honorable Brian Pugh, Mayor & Village Board of Trustees Village of Croton-on-Hudson
1 Van Wyck Street Croton-on-Hudson, NY 10520

Dear Mayor Pugh and Village Trustees,

I understand that the Village Board of Trustees is in receipt of a very interesting and purportedly compelling letter from the zero carbon group Croton100 recommending the approval of the HNGC Solar array proposal.

Although they make some interesting points, most of those points are based a on recitation of documents submitted by the HNGC applicant(s) themselves which contain many misstatements and inaccuracies.

Their uni-focusd view becomes very apparent in the third paragraph, with the words, "under this lens." No one is disputing the importance or efficacy of solar power. However it is incumbent on the Village Board of Trustees to take an even more nuanced view than the Croton100 zero carbon lens and dissect all of the factors involved in siting this project as proposed. The Village Board must be responsible to local residents that may be harmed by their decision, and not necessarily the wider view proposed by this group.

NO ONE, that is opposed to the siting of this project is opposed to proper siting of solar arrays in Croton, nor the larger goals espoused by Croton100.

The following is a breakdown of some of the points the Croton100 letter makes.

# **Area Required**

They suggest that the trade off of clear cutting "15.3" acres to enable "7.3" acres of solar panels versus siting them on buildings, rooftops, parking lots is not viable is a fallacious argument.

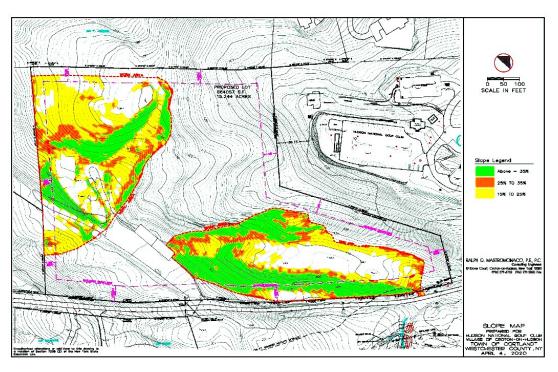
If, "Those already impervious areas of roofs and asphalt are too small for a viable community solar project" then site it someplace else or don't build it. It doesn't mean it has to go on the proposed site. It's like saying I can't fit Yankee Stadium in my backyard - the location is just wrong.

# **Steep Slopes**

Croton100 states,

"Steep slope impacts have been minimized: The terrain selected for the final location of the solar arrays places the solar system on the **least steep areas** of the subdivided parcel."

This is simply not true. I refer again to this chart from their most recent plot plan.



Slope Map with enhance color to emphasize the significance of the steep slopes involved.

Steep. 10% - 25% Very Steep 25% - 35%. Extremely Steep

#### **Proposed Disturbances**

LOT	
Lot Area (sq. ft.)	544,366
Total disturbed area (sq. ft.)	278,551
Percent of lot being disturbed	51.1%

STEEP SLOPES	Max. Allowed	Proposed	Over max. allowed
		Disturbance	
	(sq. ft.)	(sq. ft.)	(Yes/No)
Non-steep slopes (<15%)	NA	NA	NA
Moderate steep slopes (MSSA) (15% -<25%)	13,068	74,354	YES
Very steep slopes (VSSA) (25% - <35%)	8,712	46,470	YES
Extremely steep slopes (ESSA) (>35%)	4,356	78,746	YES
Total steep slope disturbance MSSA + VSSA + ESSA = TSSD	263,220	199,570	NO
Total weighted steep slope area (TWSSA) (MSSA x 1.0) + (VSSA x 1.5) + (ESSA x 3) = TWSSA	13,068	380,297	YES

Analysis of this chart confirms the following:

## The areas that are Moderately Steep, Very Steep and Extremely Steep

- Are over half the lot area designated,
- and within those proposed disturbances over a third, 36%, are on designated Moderate, Very or Extremely steep slopes,
- and using the weighted method it's over 69% on steep slopes,
- and the largest portion, almost half, is extremely steep slope. (See map above)

Croton100's position #2, referring to stormwater management relies on mis-statements and incomplete submissions in the applicant's SWPPP, which I've written about earlier and which completely **dismisses** the need for post construction stormwater management. It also Ignores Village, Town of Cortland and State regulations regarding siting solar panels on steep slopes.

## **Village of Croton Code § 195-1**

Legislative findings.

The Village Board of the Village of Croton-on-Hudson finds and declares it to be the public policy of the Village to preserve, protect and conserve its steep slopes so as to maintain and protect the natural terrain and its vegetative features, preserve wetlands, water bodies and watercourses, prevent flooding, protect important scenic views and vistas, preserve areas of wildlife habitat, provide safe building sites and protect adjoining property by preventing surface erosion, creep and sudden slope failure.

[Sections A-F (Not included here) outline very restrictive circumstances for disruption or construction on steep slopes. Perhaps the Village Board should review them again.]

The most important aspect of opposing this site is the choice of removing the trees on steep slopes. We understand in theory and by DEC designation, the project does not increase the impervious surface. But that concept completely discounts the rain absorbing and dissipating function of a live prospering woodland or the disruption that its removal instigates. It also ignores the funneling effect each row of panels will have in creating concentrated drip-lines\*, effectively making each panel an impervious surface and promoting a series of funneling gullies in the so-called "meadow condition" of the affected acreage. This may not be so much of a problem on flat ground, but it is big on steep slopes! It also supposes that the planted grasses will grow in the shadow of the solar panels.

\*Water that falls off solar panels, runs across the panel to the drip-line, and eventually falls to the underlying surface. Some of this water will infiltrate and some will run-off downslope and eventually off site. One of the most notable impacts that solar sites have on water quality is the potential for erosion and/or scour at the drip-line. Source: Minnesota Pollution Control Agency, Minnesota Stormwater Manual

The detention basin proposed is situated near the *recently* legalized storage area at what appears to be a watershed run-off location. But in studying the topographical elevations of the upper array plot plan, which the basin would service, it shows the high side of the array is at 410 feet in elevation and the low side which abuts the Douglas Property in the southwest corner is at 310 feet, indicating that the flow will <u>not</u> spill toward the detention basin, but rather onto the neighbors' properties causing further downhill erosion potential.

Furthermore, the tree mitigation plan proposed by the developer is minimal at best with a handful of pine trees, that according to the plan are there to hide the view of mechanical boxes from neighboring properties. It does include some hedges planted on berms, most of which are the adjacent to Reilly property to the south. Certainly not the "significant" number of trees referred to by Croton100. (Check plan).

The fact that "the developer...may also be open to contribution to a native species tree fund" for trees elsewhere in the village is like buying indulgences for sins committed. It does not rectify the damage done on the steep slopes.

## Tree count, size, age, health, quality, and distribution.

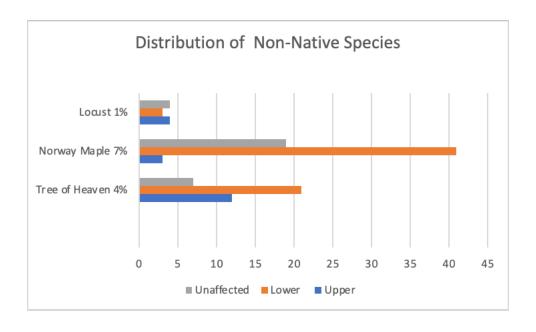
Attached are spread sheets created from the applicants Tree Inventory.

Here are some points:

Croton100: "As this area was farmland as recently as 1960, the trees are generally younger with a large mix of invasive, non-native species, typical of a second growth woodland."

They point out that the 113 (20%) are non-native or invasive species trees that would be removed, implying that the woodlands are worthless second growth woodland. However they are still active growing trees, continuing to do the work of sequestering carbon, (although we concede not as much as the offset of proposed solar arrays), but more importantly holding the soil, absorbing water, providing habitat, and an undisrupted view, all within the clearly defined HNGC Environmental Plan NO DISTURBANCE AREA.

Here is the actual breakdown, only 12.6% of the total inventory is Non-Native.



Field	Upper	Lower	Unaffected	Totals	Percent of Total
Tree of Heaven 4%	12	21	7	40	4%
Norway Maple 7%*	4	45	19	68	7%
Locust 1%	4	3	4	11	1%
Total	19	65	30	119	12.6%

<sup>\*</sup>The Norway Maples' average age is over 41 years old.

## Reference to Age, Size and Quality of Trees

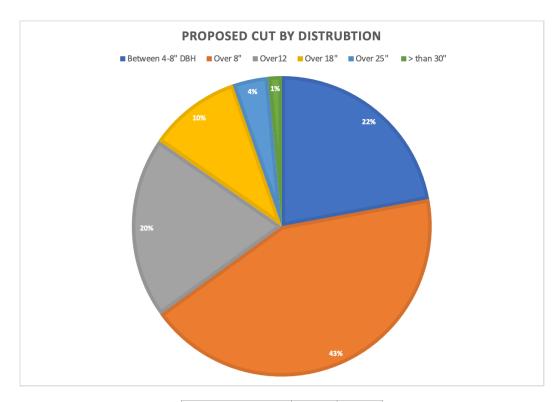
They erroneously state that 177 are smaller than an 8-inch DBH, below the "threshold for a Village tree removal permit" but the Croton tree law is 4inches. In fact, in analyzing the tree inventory provided by the applicant 206 were between 4" and 8", not an insignificant number. No trees under 4" were inventoried.

## Village of Croton Tree Removal Permit

§ 208-16. Tree removal permit required; approving authority.

"More than 10 trees with a DBH of four inches or greater on a lot, within any twelve-month period."

## **Distribution by Size:**

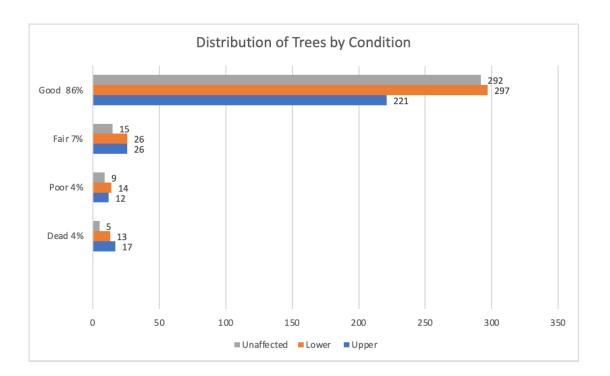


Between 4-8" DBH	206	22%
Over 8"	406	43%
Over12	186	20%
Over 18"	95	10%
Over 25"	36	4%
> than 30"	14	1%

## **Distribution by Condition**

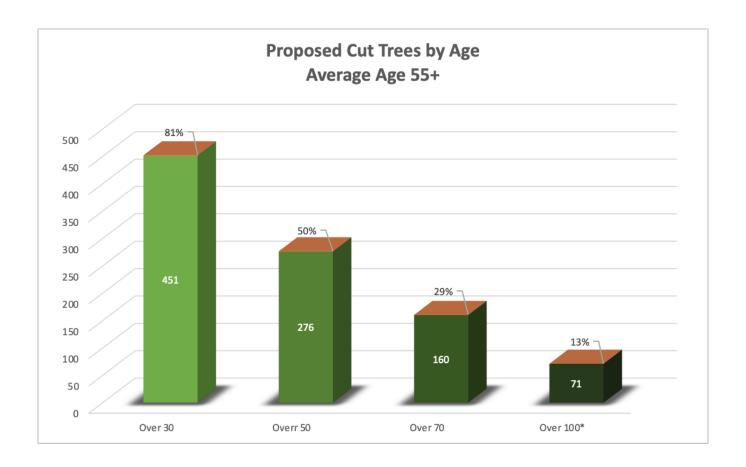
Croton100: "As this area was farmland as recently as 1960, the trees are generally younger with a large mix of invasive, non-native species, typical of a second growth woodland."

The implication that the trees are worthless and not healthy is rebutted by the fact that only 8% of the <u>total inventory</u> are dead or poor, a total of 70 trees. As a reminder dead trees make for great bird habitat for nesting and insect food sources.



Field	Upper	Lower	Lower Non- targeted		% of Inv.
Dead 4%	17	13	5	35	4%
Poor 4%	12	14	9	35	4%
Fair 7%	26	26	15	67	7%
Good 86%	221	297	292	810	86%
	276	350	321	947	

## **Distribution by Age**



Over 30	451	82%
Over 50	276	50%
Over 70	160	29%
Over 100	71	13%
Total	*554	

Age Estimates based on Growth Factor reference charts, Purdue University Landscape Report, Colorado State University, US Forest Service.

\*Does not include 59 trees, mostly Sassafras that we could not find a proper age factor, but the average over 10" in size so they must be over 1 year old. When calculating the average tree age using them as "0", the average age of the full inventory is 62.1 years old. When including them at *only* one year old the average of the full inventory drops from 62.1 to 62.03. years.

They also state,

"As a solar farm, the site will return to look more like the farmland that it was for the first 60 years of the last century." Seriously, solar panels in the 19 aughts?

Why would this be of any relevance? Why not target the year 1,609, for the look Henry Hudson saw in his sail up the river?

Also from their letter.

"Biodiversity is a woodland-meadow trade-off: In sum, some closed canopy woodland will be lost and replaced with edge and open meadow habitat created and maintained in and around the solar arrays. This change benefits flora and fauna that favor such ecotones, including birds whose nearest open field habitat is otherwise located on Croton Point."

So are we to understand that the golf course itself does not provide the transitional space (ecotones) between the surrounding No-Disturbance Zone, arboretums and preserves, and that the "nearest open field habitat is located at Croton Point Park"?

It truly makes one consider what an aberration and disruptive nuisance the golf course is in the first place.

## In Conclusion

The Croton100 recommendation reads like a recitation of the developers own biased and misleading information and positions. It is imperative that the Village Board continue to dig deeper and see the irreparable harm that cutting these trees on steep slopes will cause.

There is no good reason to allow this application to go through at this site. At minimum there are many reasons to call for a full Environmental Impact Statement. Allowing an entity, developer, business, or homeowner to push the board into a bad decision sets a precedent that reflects poorly on the Board and the Village as a whole.

I repeat, a neighbor said in reference to HNGC, "Don't waste your breath - they own this Board", please prove him wrong.

Sincerely,

Steve Varvaro Beddy LoBalbo Varvaro

# Proposed Cuts Sorted by Estimated Age

Array	Tree ID	Common Name	DBH	Condition Class	Tree Asset Value	Age Per Inch	Estimated Age
UPP	396	N/A		Good			0
UPP	54	Plum purple leaf	10	Dead	\$0	0	0
UPP	347	sassafras-common	4	poor	\$148	0	0
UPP	312	sassafras-common	5	Dead	\$0	0	0
UPP	100	sassafras-common	5	Good	\$539	0	0
UPP	355	sassafras-common	5	Good	\$539	0	0
UPP	282	sassafras-common	5	poor	\$231	0	0
UPP	311	sassafras-common	6	Dead	\$0	0	0
UPP	354	sassafras-common	7	fair	\$754	0	0
UPP	228	sassafras-common	10	Good	\$2,154	0	0
UPP	230	sassafras-common	10	Good	\$2,154	0	0
UPP	227	sassafras-common	11	Good	\$2,606	0	0
UPP	351	sassafras-common	13	fair	\$2,600	0	0
UPP	251	sassafras-common	15	Good	\$4,847	0	0
UPP	252	sassafras-common	16	Good	\$5,514	0	0
UPP	253	sassafras-common	16	Good	\$5,514	0	0
UPP	258	sassafras-common	16	Good	\$5,514	0	0
UPP	255	sassafras-common	17	Good	\$6,225	0	0
UPP	257	Tree of Heaven	4	Good	\$345	2	8
UPP	401	Tree of Heaven	5	fair	\$385	2	10
UPP	398	Tree of Heaven	5	poor	\$775	2	10
UPP	349	Locust-black	4	Good	\$345	4	16
UPP	136	Oak-northern red	4	Fair	\$246	4	16
UPP	138	Oak-northern red	4	Good	\$345	4	16
UPP	139	Oak-northern red	4	Good	\$345	4	16
UPP	221	Tree of Heaven	8	Good	\$1,379	2	16
UPP	225	Tree of Heaven	8	Good	\$1,379	2	16
UPP	239	Tree of Heaven	9	Good	\$1,745	2	18
UPP	113	Cherry	4	Dead	\$0	5	20
UPP	81	Cherry-Black	4	Good	\$345	5	20
UPP	392	Tree of Heaven	10	Good	\$2,154	2	20
UPP	393	Tree of Heaven	10	Good	\$2,154	2	20

UPP	256	Tree of Heaven	11	Good	\$2,606	2	22
UPP	397	Tree of Heaven	11	Good	\$2,606	2	22
UPP	254	maple-red	5	Good	\$539	4.5	22.5
UPP	133	Oak-northern red	6	Good	\$775	4.3	24
UPP	399	Tree of Heaven	12	Good	\$1,329	2	24
UPP	99	Cherry	5	Good	\$539	5	25
UPP	101	Cherry	5	Good	\$539	5	25
UPP	107	Cherry	5	Good	\$539	5	25
UPP	240	cherry	5	Good	\$539	5	25
UPP	281	Tulip Tree	9	poor	\$748	3	27
UPP	210	Birch-river	8	fair	\$985	3.5	28
UPP	209	Birch-river	8	Good	\$1,745	3.5	28
UPP	211	Birch-river	8	Good	\$1,379	3.5	28
UPP	109	Cherry	6	Dead	\$0	5	30
UPP	132	Cherry	6	Dead	\$0	5	30
UPP	310	cherry	6	fair	\$540	5	30
UPP	105	Cherry	6	Good	\$775	5	30
UPP	114	Cherry	6	Good	\$775	5	30
UPP	120	Cherry	6	Good	\$775	5	30
UPP	124	Cherry	6	Good	\$775	5	30
UPP	241	cherry	6	Good	\$775	5	30
UPP	364	cherry	6	Good	\$775	5	30
UPP	115	Cherry	6	poor	\$332	5	30
UPP	76	Hickory/Pecan	4	Good	\$689	7.5	30
UPP	242	Hickory/Pecan	4	Good	\$2,606	7.5	30
UPP	380	Hickory/Pecan	4	Good	\$345	7.5	30
UPP	129	Oak-white	6	Good	\$775	5	30
UPP	208	Birch-river	9	Good	\$2,606	3.5	31.5
UPP	218	Birch-river	9	Good	\$1,745	3.5	31.5
UPP	35	Oak-northern red	8	Good	\$1,379	4	32
UPP	71	Oak-northern red	8	Good	\$1,379	4	32
UPP	127	Oak-northern red	8	Good	\$1,379	4	32
UPP	135	Oak-northern red	8	Good	\$1,917	4	32
UPP	145	Oak-northern red	8	Good	\$1,379	4	32
UPP	223	Tree of Heaven	17	Good	\$6,225	2	34
UPP	378	cherry	7	Good	\$1,055	5	35

UPP	248	cherry	7	poor	\$452	5	35
UPP	84	Cherry-Black	7	fair	\$754	5	35
UPP	97	Cherry-Black	7	Good	\$452	5	35
UPP	125	Oak-white	7	Good	\$1,055	5	35
UPP	231	Maple-Norway	8	Good	\$1,379	4.5	36
UPP	272	maple-red	8	Good	\$1,379	4.5	36
UPP	57	Oak-northern red	9	Good	\$1,745	4	36
UPP	175	Oak-northern red	9	Good	\$1,745	4	36
UPP	236	Hickory/Pecan	5	fair	\$385	7.5	37.5
UPP	85	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	87	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	88	Hickory/Pecan	5	Good	\$883	7.5	37.5
UPP	89	Hickory/Pecan	5	Good	\$883	7.5	37.5
UPP	90	Hickory/Pecan	5	Good	\$625	7.5	37.5
UPP	92	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	123	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	128	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	314	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	348	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	350	Hickory/Pecan	5	Good	\$539	7.5	37.5
UPP	212	Birch-river	11	Good	\$985	3.5	38.5
UPP	261	Maple-Sugar	7	Good	\$1,055	5.5	38.5
UPP	179	Redcedar-Eastern	11	fair	\$1,862	3.5	38.5
UPP	134	Cherry	8	Fair	\$985	5	40
UPP	118	Cherry	8	Good	\$1,379	5	40
UPP	131	Cherry	8	Good	\$1,379	5	40
UPP	137	Cherry	8	Good	\$1,379	5	40
UPP	174	cherry	8	Good	\$1,379	5	40
UPP	402	Cherry	8	Good	\$1,379	5	40
UPP	233	cherry	8	poor	\$591	5	40
UPP	29	Cherry-Black	8	Fair	\$985	5	40
UPP	23	Cherry-Black	8	Good	\$1,379	5	40
UPP	31	Cherry-Black	8	Good	\$1,379	5	40
UPP	46	Oak-northern red	10	Good	\$2,154	4	40
UPP	173	Oak-northern red	10	Good	\$2,154	4	40
UPP	112	Oak-White	8	Good	\$1,379	5	40
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UPP	103	Maple-Norway	9	Good	\$1,745	4.5	40.5
UPP	203	maple-red	9	Good	\$1,745	4.5	40.5
UPP	275	Birch-river	12	Good	\$4,480	3.5	42
UPP	274	Tulip Tree	14	Good	\$4,847	3	42
UPP	98	Maple-Sugar	8	Good	\$1,379	5.5	44
UPP	126	Oak-northern red	11	Dead	\$0	4	44
UPP	56	Oak-northern red	11	Good	\$2,606	4	44
UPP	204	Oak-northern red	11	Good	\$2,606	4	44
UPP	52	cherry	9	Dead	\$0	5	45
UPP	171	cherry	9	fair	\$1,246	5	45
UPP	205	cherry	9	fair	\$1,246	5	45
UPP	143	Cherry	9	Good	\$1,745	5	45
UPP	30	Cherry-Black	9	Dead	\$0	5	45
UPP	91	Hickory/Pecan	6	Good	\$775	7.5	45
UPP	93	Hickory/Pecan	6	Good	\$775	7.5	45
UPP	140	Hickory/Pecan	6	Good	\$775	7.5	45
UPP	219	Hickory/Pecan	6	Good	\$775	7.5	45
UPP	245	Hickory/Pecan	6	Good	\$1,314	7.5	45
UPP	394	Hickory/Pecan	6	Good	\$775	7.5	45
UPP	222	Oak-white	9	Good	\$1,745	5	45
UPP	244	Oak-white	9	Good	\$1,745	5	45
UPP	279	Tulip Tree	15	fair	\$3,462	3	45
UPP	144	Oak-northern red	12	Dead	\$0	4	48
UPP	53	Oak-northern red	12	Good	\$3,102	4	48
UPP	357	Maple-Norway	11	poor	\$1,117	4.5	49.5
UPP	262	Maple-Sugar	9	Good	\$1,745	5.5	49.5
UPP	180	cherry	10	Dead	\$0	5	50
UPP	122	Cherry	10	Good	\$2,154	5	50
UPP	181	Cherry	10	Good	\$2,154	5	50
UPP	183	cherry	10	Good	\$2,154	5	50
UPP	50	Cherry-Black	10	Good	\$2,154	5	50
UPP	63	Oak-white	10	Good	\$2,154	5	50
UPP	121	Oak-white	10	Good	\$2,154	5	50
UPP	403	Oak-white	10	Good	\$2,154	5	50
UPP	315	Oak-northern red	13	fair	\$2,600	4	52
UPP	45	Oak-northern red	13	Good	\$3,640	4	52

UPP         55         Oak-northern red         13         Good         \$6,742         4         52           UPP         190         Oak-northern red         13         Good         \$3,640         4         52           UPP         395         Hickory/Pecan         7         Good         \$1,055         7.5         \$2.5           UPP         83         Hickory/Pecan         7         Good         \$1,055         7.5         \$2.5           UPP         119         Hickory/Pecan         7         Good         \$1,055         7.5         \$2.5           UPP         237         Tulip Tree         18         poor         \$2,991         3         \$4           UPP         260         Maple-Sugar         10         Good         \$2,5991         3         \$4           UPP         206         Maple-Sugar         10         Good         \$2,506         \$.5         \$5           UPP         214         Maple-Sugar         10         Good         \$2,606         \$.5         \$5           UPP         214         Maple-Sugar         10         Good         \$2,606         \$.5         \$5           UPP         210         Lo								
UPP         395         Hickory-shagbark         7         Good         \$1,055         7.5         52.5           UPP         83         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         119         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         379         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         273         Tulip Tree         18         poor         \$2,991         3         54           UPP         260         Maple-Sugar         10         Good         \$2,154         5.5         55           UPP         213         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         220         Locust-black         14         Good         \$4,222         4         56           UPP         270         L	UPP	55	Oak-northern red	13	Good	\$6,742	4	52
UPP         83         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         119         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         379         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         273         Tulip Tree         18         poor         \$2,991         3         54           UPP         260         Maple-Sugar         10         fair         \$1,539         5.5         55           UPP         202         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         213         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         216         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         220         Oak-no	UPP	190	Oak-northern red	13	Good	\$3,640	4	52
UPP         119         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         379         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         273         Tulip Tree         18         poor         \$2,991         3         54           UPP         260         Maple-Sugar         10         fair         \$1,539         5.5         55           UPP         202         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         213         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         210         Locust-b	UPP	395	Hickory-shagbark	7	Good	\$1,055	7.5	52.5
UPP         379         Hickory/Pecan         7         Good         \$1,055         7.5         52.5           UPP         273         Tulip Tree         18         poor         \$2,991         3         54           UPP         260         Maple-Sugar         10         fair         \$1,539         5.5         55           UPP         202         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$4,760         5         55           UPP         270         Locust-black         14         Good         \$4,222         4         56           UPP         24         Oak-northern re	UPP	83	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
UPP         273         Tulip Tree         18         poor         \$2,991         3         54           UPP         260         Maple-Sugar         10         fair         \$1,539         5.5         55           UPP         202         Maple-Sugar         10         Good         \$2,154         5.5         55           UPP         213         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         270         Locust-black         14         Good         \$4,722         4         56           UPP         270         Locust-black         14         Good         \$4,222         4         56           UPP         220         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red<	UPP	119	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
UPP         260         Maple-Sugar         10         fair         \$1,539         \$5.5         \$55           UPP         202         Maple-Sugar         10         Good         \$2,154         \$5.5         \$55           UPP         213         Maple-Sugar         10         Good         \$2,606         \$5.5         \$55           UPP         214         Maple-Sugar         10         Good         \$2,606         \$5.5         \$55           UPP         214         Maple-Sugar         10         Good         \$2,606         \$5.5         \$55           UPP         214         Maple-Sugar         10         Good         \$4,760         \$5         \$55           UPP         220         Locust-black         14         Good         \$4,222         4         \$6           UPP         24         Oak-northern red         14         Dead         \$0         4         \$6           UPP         20         Oak-northern red         14         Good         \$4,222         4         \$6           UPP         217         Tulip Tree         19         fair         \$7,770         3         \$57           UPP         360         Mapl	UPP	379	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
UPP         202         Maple-Sugar         10         Good         \$2,154         \$.5         \$55           UPP         213         Maple-Sugar         10         Good         \$2,606         \$.5         \$55           UPP         214         Maple-Sugar         10         Good         \$2,606         \$.5         \$55           UPP         214         Maple-Sugar         10         Good         \$2,606         \$.5         \$55           UPP         214         Maple-Sugar         10         Good         \$4,760         \$5         \$55           UPP         27         Oak-northern red         14         Good         \$4,222         4         \$6           UPP         20         Oak-northern red         14         Dead         \$0         4         \$6           UPP         206         Oak-northern red         14         Good         \$4,222         4         \$6           UPP         206         Oak-northern red         14         Good         \$4,222         4         \$6           UPP         217         Tulip Tree         19         fair         \$7,770         3         \$57           UPP         360         Map	UPP	273	Tulip Tree	18	poor	\$2,991	3	54
UPP         213         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         270         Locust-black         14         Good         \$4,222         4         56           UPP         24         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         360         Maple-Nor	UPP	260	Maple-Sugar	10	fair	\$1,539	5.5	55
UPP         214         Maple-Sugar         10         Good         \$2,606         5.5         55           UPP         82         Oak-white         11         Good         \$4,760         5         55           UPP         270         Locust-black         14         Good         \$4,222         4         56           UPP         24         Oak-northern red         14         Dead         \$0         4         56           UPP         27         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         380         Maple-Norway         13         Good         \$1,379         7.5         60           UPP         48         Hickory/Pecan </td <td>UPP</td> <td>202</td> <td>Maple-Sugar</td> <td>10</td> <td>Good</td> <td>\$2,154</td> <td>5.5</td> <td>55</td>	UPP	202	Maple-Sugar	10	Good	\$2,154	5.5	55
UPP         82         Oak-white         11         Good         \$4,760         5         55           UPP         270         Locust-black         14         Good         \$4,222         4         56           UPP         24         Oak-northern red         14         Dead         \$0         4         56           UPP         27         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan	UPP	213	Maple-Sugar	10	Good	\$2,606	5.5	55
UPP         270         Locust-black         14         Good         \$4,222         4         56           UPP         24         Oak-northern red         14         Dead         \$0         4         56           UPP         27         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         36         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         360         maple-red         13         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan<	UPP	214	Maple-Sugar	10	Good	\$2,606	5.5	55
UPP         24         Oak-northern red         14         Dead         \$0         4         56           UPP         27         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         19         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Fair         \$1,969         7.5         60           UPP         44         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         44         Hickory/Pecan	UPP	82	Oak-white	11	Good	\$4,760	5	55
UPP         27         Oak-northern red         14         Dead         \$0         4         56           UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         19         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         75         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Good         \$2,252         7.5         60           UPP         40         Hickory/Pec	UPP	270	Locust-black	14	Good	\$4,222	4	56
UPP         206         Oak-northern red         14         Good         \$4,222         4         56           UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         19         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         75         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         64         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/	UPP	24	Oak-northern red	14	Dead	\$0	4	56
UPP         217         Tulip Tree         19         fair         \$7,770         3         57           UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         19         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Fair         \$1,969         7.5         60           UPP         64         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         184         Hickory/Pec	UPP	27	Oak-northern red	14	Dead	\$0	4	56
UPP         360         Maple-Norway         13         Good         \$3,640         4.5         58.5           UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         19         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         64         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         184         Hickory	UPP	206	Oak-northern red	14	Good	\$4,222	4	56
UPP         280         maple-red         13         Good         \$3,640         4.5         58.5           UPP         19         Hickory /Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory /Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory /Pecan         8         Good         \$1,379         7.5         60           UPP         75         Hickory/Pecan         8         Fair         \$1,969         7.5         60           UPP         64         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory	UPP	217	Tulip Tree	19	fair	\$7,770	3	57
UPP         19         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         34         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         75         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         64         Hickory / Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory / Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory / Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         184         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         246	UPP	360	Maple-Norway	13	Good	\$3,640	4.5	58.5
UPP         34         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         49         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         75         Hickory / Pecan         8         Fair         \$1,969         7.5         60           UPP         64         Hickory / Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory / Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory / Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory / Pecan         8         Good         \$1,372         7.5         60           UPP         184         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory / Pecan         8         Good         \$1,379         7.5         60           UPP         246	UPP	280	maple-red	13	Good	\$3,640	4.5	58.5
UPP         49         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         75         Hickory/Pecan         8         Fair         \$1,969         7.5         60           UPP         64         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$3,102         5         60           UPP         110         Oak-White	UPP	19	Hickory /Pecan	8	Good	\$1,379	7.5	60
UPP         75         Hickory/Pecan         8         Fair         \$1,969         7.5         60           UPP         64         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$3,102         5         60           UPP         10         Oak-White	UPP	34	Hickory /Pecan	8	Good	\$1,379	7.5	60
UPP         64         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$3,102         5         60           UPP         110         Oak-White         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar<	UPP	49	Hickory /Pecan	8	Good	\$1,379	7.5	60
UPP         73         Hickory/Pecan         8         Good         \$2,757         7.5         60           UPP         80         Hickory/Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,372         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$3,102         5         60           UPP         111         Oak-White         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar <td>UPP</td> <td>75</td> <td>Hickory/Pecan</td> <td>8</td> <td>Fair</td> <td>\$1,969</td> <td>7.5</td> <td>60</td>	UPP	75	Hickory/Pecan	8	Fair	\$1,969	7.5	60
UPP         80         Hickory/Pecan         8         Good         \$2,262         7.5         60           UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         11         Oak-White         12         Good         \$3,102         5         60           UPP         168         Oak-white         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar	UPP	64	Hickory/Pecan	8	Good	\$1,379	7.5	60
UPP         96         Hickory/Pecan         8         Good         \$1,723         7.5         60           UPP         182         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         111         Oak-White         12         Good         \$3,102         5         60           UPP         168         Oak-white         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar         11         Good         \$1,745         5.5         60.5	UPP	73	Hickory/Pecan	8	Good	\$2,757	7.5	60
UPP         182         Hickory/Pecan         8         Good         \$1,572         7.5         60           UPP         184         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         111         Oak-White         12         Good         \$3,102         5         60           UPP         168         Oak-white         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar         11         Good         \$1,745         5.5         60.5	UPP	80	Hickory/Pecan	8	Good	\$2,262	7.5	60
UPP       184       Hickory/Pecan       8       Good       \$1,379       7.5       60         UPP       238       Hickory/Pecan       8       Good       \$1,379       7.5       60         UPP       246       Hickory/Pecan       8       Good       \$1,379       7.5       60         UPP       111       Oak-White       12       Good       \$3,102       5       60         UPP       168       Oak-white       12       Good       \$3,102       5       60         UPP       229       Maple-Sugar       11       Dead       \$0       5.5       60.5         UPP       207       Maple-Sugar       11       Good       \$1,745       5.5       60.5	UPP	96	Hickory/Pecan	8	Good	\$1,723	7.5	60
UPP         238         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         246         Hickory/Pecan         8         Good         \$1,379         7.5         60           UPP         111         Oak-White         12         Good         \$3,102         5         60           UPP         168         Oak-white         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar         11         Good         \$1,745         5.5         60.5	UPP	182	Hickory/Pecan	8	Good	\$1,572	7.5	60
UPP       246       Hickory/Pecan       8       Good       \$1,379       7.5       60         UPP       111       Oak-White       12       Good       \$3,102       5       60         UPP       168       Oak-white       12       Good       \$3,102       5       60         UPP       229       Maple-Sugar       11       Dead       \$0       5.5       60.5         UPP       207       Maple-Sugar       11       Good       \$1,745       5.5       60.5	UPP	184	Hickory/Pecan	8	Good	\$1,379	7.5	60
UPP       111       Oak-White       12       Good       \$3,102       5       60         UPP       168       Oak-white       12       Good       \$3,102       5       60         UPP       229       Maple-Sugar       11       Dead       \$0       5.5       60.5         UPP       207       Maple-Sugar       11       Good       \$1,745       5.5       60.5	UPP	238	Hickory/Pecan	8	Good	\$1,379	7.5	60
UPP         168         Oak-white         12         Good         \$3,102         5         60           UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar         11         Good         \$1,745         5.5         60.5	UPP	246	Hickory/Pecan	8	Good	\$1,379	7.5	60
UPP         229         Maple-Sugar         11         Dead         \$0         5.5         60.5           UPP         207         Maple-Sugar         11         Good         \$1,745         5.5         60.5	UPP	111	Oak-White	12	Good	\$3,102	5	60
UPP         207         Maple-Sugar         11         Good         \$1,745         5.5         60.5	UPP	168	Oak-white	12	Good	\$3,102	5	60
	UPP	229	Maple-Sugar	11	Dead	\$0	5.5	60.5
UPP         215         Tulip Tree         21         Good         \$15,724         3         63	UPP	207	Maple-Sugar	11	Good	\$1,745	5.5	60.5
	UPP	215	Tulip Tree	21	Good	\$15,724	3	63

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UPP	216	Tulip Tree	21	Good	\$18,999	3	63
UPP	249	cherry	13	Good	\$3,640	5	65
UPP	37	Oak-white	13	Good	\$3,640	5	65
UPP	186	Oak-White	13	Good	\$5,794	5	65
UPP	188	Oak-White	13	Good	\$3,640	5	65
UPP	200	Maple-Sugar	12	Good	\$3,102	5.5	66
UPP	278	Oak-Black	12	fair	\$2,216	5.5	66
UPP	26	Hickory /Pecan	9	Good	\$1,745	7.5	67.5
UPP	58	Hickory/Pecan	9	Good	\$2,089	7.5	67.5
UPP	62	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
UPP	70	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
UPP	72	Hickory/Pecan	9	Good	\$3,123	7.5	67.5
UPP	172	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
UPP	237	Hickory/Pecan	9	Good	\$3,468	7.5	67.5
UPP	266	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
UPP	7	Oak-Northern Red	17	Good	\$6,225	4	68
UPP	110	Oak-Black	13	Good	\$3,640	5.5	71.5
UPP	104	Oak-northern red	18	Good	\$6,979	4	72
UPP	247	cherry	15	Good	\$4,847	5	75
UPP	51	Hickory-shagbark	10	Good	\$2,154	7.5	75
UPP	60	Hickory/Pecan	10	Good	\$2,154	7.5	75
UPP	74	Hickory/Pecan	10	Good	\$3,705	7.5	75
UPP	176	Hickory/Pecan	10	Good	\$2,154	7.5	75
UPP	265	Hickory/Pecan	10	Good	\$2,154	7.5	75
UPP	359	Hickory/Pecan	10	Good	\$2,154	7.5	75
UPP	316	Oak-Chestnut	15	Good	\$4,847	5	75
UPP	42	Oak-white	15	Good	\$4,847	5	75
UPP	263	Oak-northern red	19	Good	\$7,776	4	76
UPP	235	Oak-Chestnut	16	Good	\$5,514	5	80
UPP	268	Oak-northern red	20	Good	\$8,616	4	80
UPP	358	Oak-northern red	20	Good	\$10,426	4	80
UPP	10	Hickory /Pecan	11	Good	\$2,606	7.5	82.5
UPP	22	Hickory /Pecan	11	Good	\$7,776	7.5	82.5
UPP	67	Hickory/Pecan	11	Good	\$2,606	7.5	82.5
UPP	68	Hickory/Pecan	11	Good	\$2,606	7.5	82.5
UPP	86	Hickory/Pecan	11	Good	\$2,606	7.5	82.5
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UPP	177	Hickory/Pecan	11	Good	\$3,985	7.5	82.5
UPP	243	Hickory/Pecan	11	Good	\$345	7.5	82.5
UPP	277	Hickory/Pecan	11	poor	\$1,117	7.5	82.5
UPP	356	Oak-northern red	21	fair	\$6,785	4	84
UPP	250	cherry	17	fair	\$4,447	5	85
UPP	95	Cherry-Black	17	fair	\$4,447	5	85
UPP	32	Oak-white	17	Good	\$6,225	5	85
UPP	271	Locust-black	22	Good	\$10,426	4	88
UPP	41	Oak-northern red	22	Good	\$10,426	4	88
UPP	9	Hickory /Pecan	12	Good	\$3,102	7.5	90
UPP	61	Hickory/Pecan	12	Good	\$3,102	7.5	90
UPP	178	Hickory/Pecan	12	Good	\$3,877	7.5	90
UPP	193	Hickory/Pecan	12	Good	\$3,102	7.5	90
UPP	194	Hickory/Pecan	12	Good	\$3,102	7.5	90
UPP	169	Oak-white	18	fair	\$4,985	5	90
UPP	43	Oak-white	18	Good	\$6,969	5	90
UPP	146	Oak-White	18	Good	\$6,979	5	90
UPP	116	Oak-white	19	Fair	\$5,554	5	95
UPP	21	Oak-white	19	Good	\$4,660	5	95
UPP	94	Oak-northern red	24	Good	\$12,407	4	96
UPP	20	Hickory /Pecan	13	Good	\$1,379	7.5	97.5
UPP	25	Hickory /Pecan	13	Good	\$3,640	7.5	97.5
UPP	28	Hickory /Pecan	13	Good	\$3,640	7.5	97.5
UPP	33	Hickory /Pecan	13	Good	\$3,640	7.5	97.5
UPP	65	Hickory/Pecan	13	Good	\$5,794	7.5	97.5
UPP	66	Hickory/Pecan	13	Good	\$3,640	7.5	97.5
UPP	117	Oak-Black	18	Good	\$6,979	5.5	99
UPP	185	Oak-Black	18	Good	\$6,979	5.5	99
UPP	187	Oak-Black	18	Good	\$5,514	5.5	99
UPP	47	Oak-white	20	Good	\$8,616	5	100
UPP	48	Oak-northern red	26	Good	\$14,561	4	104
UPP	130	Oak-northern red	26	Good	\$14,561	4	104
UPP	220	Hickory/Pecan	14	Good	\$4,222	7.5	105
UPP	141	Oak-Black	20	Dead	\$0	5.5	110
UPP	39	Oak-Black	20	Good	\$8,616	5.5	110
UPP	189	Oak-Black	20	Good	\$8,616	5.5	110
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UPP	44	Oak-Black	20	poor	\$7,025	5.5	110
UPP	59	Oak-Chestnut	22	Fair	\$7,447	5	110
UPP	232	Oak-Chestnut	22	Good	\$10,426	5	110
UPP	400	Oak-Chestnut	22	Good	\$10,426	5	110
UPP	102	Oak-northern red	28	Good	\$22,402	4	112
UPP	361	Oak-northern red	28	Good	\$16,888	4	112
UPP	6	Hickory /Pecan	15	Good	\$4,847	7.5	112.5
UPP	38	Hickory /Pecan	15	Good	\$4,847	7.5	112.5
UPP	226	Hickory/Pecan	15	Good	\$4,847	7.5	112.5
UPP	108	Oak-White	23	Good	\$11,395	5	115
UPP	148	Oak-Black	21	Good	\$9,499	5.5	115.5
UPP	170	Hickory/Pecan	16	Good	\$5,514	7.5	120
UPP	269	Locust-black	30	Good	\$19,386	4	120
UPP	191	Oak-White	24	Good	\$12,407	5	120
UPP	147	Oak-Black	22	Good	\$20,851	5.5	121
UPP	201	Oak-Black	22	Good	\$10,426	5.5	121
UPP	267	Oak-Chestnut	25	Good	\$13,463	5	125
UPP	8	Hickory /Pecan	17	Good	\$6,225	7.5	127.5
UPP	40	Oak-Black	24	Dead	\$0	5.5	132
UPP	142	Oak-Black	24	Dead	\$0	5.5	132
UPP	234	Hickory/Pecan	19	Good	\$7,776	7.5	142.5
UPP	264	Hickory/Pecan	19	Good	\$7,776	7.5	142.5
UPP	313	Oak-Black	26	poor	\$6,241	5.5	143
UPP	106	Oak-northern red	36	Good	\$26,717	4	144
UPP	11	Hickory /Pecan	21	Good	\$9,499	7.5	157.5
UPP	276	Hickory/Pecan	21	Good	\$9,499	7.5	157.5
UPP	192	Oak-Black	30	Fair	\$21,294	5.5	165
UPP	224	Hickory/Pecan	23	Good	\$11,395	7.5	172.5
Low	414	Hackberry	9	Good	\$1,745	0	0
Low	794	sassafras-common	4	fair	\$246	0	0
Low	711	sassafras-common	4	Good	\$345	0	0
Low	714	sassafras-common	4	Good	\$539	0	0
Low	748	sassafras-common	4	Good	\$345	0	0
Low	750	sassafras-common	4	Good	\$345	0	0
Low	826	sassafras-common	4	Good	\$246	0	0
Low	831	sassafras-common	4	Good	\$345	0	0

Low         834         sassafras-common         4         Good         \$345         0         0           Low         827         sassafras-common         5         fair         \$385         0         0           Low         828         sassafras-common         5         fair         \$385         0         0           Low         713         sassafras-common         5         Good         \$539         0         0           Low         749         sassafras-common         5         Good         \$539         0         0           Low         757         sassafras-common         5         Good         \$539         0         0           Low         759         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common								
Low         828         sassafras-common         5         fair         \$539         0         0           Low         713         sassafras-common         5         fair         \$385         0         0           Low         713         sassafras-common         5         Good         \$539         0         0           Low         757         sassafras-common         5         Good         \$539         0         0           Low         759         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         5         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$7775         0         0           Low         758         sassafras-common <td>Low</td> <td>834</td> <td>sassafras-common</td> <td>4</td> <td>Good</td> <td>\$345</td> <td>0</td> <td>0</td>	Low	834	sassafras-common	4	Good	\$345	0	0
Low         835         sassafras-common         5         fair         \$385         0         0           Low         713         sassafras-common         5         Good         \$539         0         0           Low         749         sassafras-common         5         Good         \$539         0         0           Low         757         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common	Low	827	sassafras-common	5	fair	\$385	0	0
Low         713         sassafras-common         5         Good         \$539         0         0           Low         749         sassafras-common         5         Good         \$539         0         0           Low         757         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         793         sassafras-common         5         Good         \$539         0         0           Low         793         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common	Low	828	sassafras-common	5	fair	\$539	0	0
Low         749         sassafras-common         5         Good         \$539         0         0           Low         757         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         837         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common	Low	835	sassafras-common	5	fair	\$385	0	0
Low         757         sassafras-common         5         Good         \$539         0         0           Low         759         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         837         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$7775         0         0           Low         710         sassafras-common         6         Good         \$7775         0         0           Low         795         sassafras-common <td>Low</td> <td>713</td> <td>sassafras-common</td> <td>5</td> <td>Good</td> <td>\$539</td> <td>0</td> <td>0</td>	Low	713	sassafras-common	5	Good	\$539	0	0
Low         759         sassafras-common         5         Good         \$539         0         0           Low         792         sassafras-common         5         Good         \$539         0         0           Low         837         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         7         Good         \$775         0         0           Low         428         sassafras-common	Low	749	sassafras-common	5	Good	\$539	0	0
Low         792         sassafras-common         5         Good         \$539         0         0           Low         798         sassafras-common         5         Good         \$539         0         0           Low         837         sassafras-common         5         Good         \$539         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common	Low	757	sassafras-common	5	Good	\$539	0	0
Low         798         sassafras-common         5         Good         \$539         0         0           Low         837         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         poor         \$231         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common	Low	759	sassafras-common	5	Good	\$539	0	0
Low         837         sassafras-common         5         Good         \$539         0         0           Low         836         sassafras-common         5         poor         \$231         0         0           Low         706         sassafras-common         6         Good         \$7775         0         0           Low         710         sassafras-common         6         Good         \$7775         0         0           Low         758         sassafras-common         6         Good         \$7775         0         0           Low         795         sassafras-common         6         Good         \$7775         0         0           Low         795         sassafras-common         6         Good         \$7775         0         0           Low         838         sassafras-common         6         Good         \$7775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-commo	Low	792	sassafras-common	5	Good	\$539	0	0
Low         836         sassafras-common         5         poor         \$231         0         0           Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         758         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         838         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         746         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common <td>Low</td> <td>798</td> <td>sassafras-common</td> <td>5</td> <td>Good</td> <td>\$539</td> <td>0</td> <td>0</td>	Low	798	sassafras-common	5	Good	\$539	0	0
Low         706         sassafras-common         6         Good         \$775         0         0           Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         758         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         838         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common<	Low	837	sassafras-common	5	Good	\$539	0	0
Low         709         sassafras-common         6         Good         \$775         0         0           Low         710         sassafras-common         6         Good         \$775         0         0           Low         758         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         838         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,379         0         0           Low         715         sassafras-common         9         dead         \$0         0         0           Low         429         sassafras-common <td>Low</td> <td>836</td> <td>sassafras-common</td> <td>5</td> <td>poor</td> <td>\$231</td> <td>0</td> <td>0</td>	Low	836	sassafras-common	5	poor	\$231	0	0
Low         710         sassafras-common         6         Good         \$775         0         0           Low         758         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         708         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         7         Good         \$1,379         0         0           Low         429         sassafras-common         10         dead         \$0         0         0           Low         427         sassafras-comm	Low	706	sassafras-common	6	Good	\$775	0	0
Low         758         sassafras-common         6         Good         \$775         0         0           Low         795         sassafras-common         6         Good         \$775         0         0           Low         838         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         708         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         8         Good         \$1,379         0         0           Low         429         sassafras-common         10         dead         \$0         0         0           Low         427         sassafras-comm	Low	709	sassafras-common	6	Good	\$775	0	0
Low         795         sassafras-common         6         Good         \$775         0         0           Low         838         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         7         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         491         sassafras-common	Low	710	sassafras-common	6	Good	\$775	0	0
Low         838         sassafras-common         6         Good         \$775         0         0           Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         7         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         819         sassafras-common         10         Good         \$2,154         0         0           Low         491         sassafras-common         10         good         \$3,102         0         0           Low         563         sassafras-co	Low	758	sassafras-common	6	Good	\$775	0	0
Low         428         sassafras-common         7         dead         \$0         0         0           Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         708         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         7         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         819         sassafras-common         10         good         \$2,154         0         0           Low         491         sassafras-common         10         poor         \$923         0         0           Low         492         sassafras-co	Low	795	sassafras-common	6	Good	\$775	0	0
Low         707         sassafras-common         7         Good         \$1,055         0         0           Low         708         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         8         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         491         sassafras-common         10         good         \$2,154         0         0           Low         492         sassafras-common         12         Good         \$3,102         0         0           Low         563         sassafras-common         12         Good         \$4,847         0         0           Low         520         sassa	Low	838	sassafras-common	6	Good	\$775	0	0
Low         708         sassafras-common         7         Good         \$1,055         0         0           Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         8         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         819         sassafras-common         10         Good         \$2,154         0         0           Low         491         sassafras-common         10         poor         \$923         0         0           Low         492         sassafras-common         12         Good         \$3,102         0         0           Low         563         sassafras-common         14         dead         \$0         0         0           Low         514         sassafras-	Low	428	sassafras-common	7	dead	\$0	0	0
Low         747         sassafras-common         7         Good         \$1,055         0         0           Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         8         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         819         sassafras-common         10         Good         \$2,154         0         0           Low         491         sassafras-common         10         poor         \$923         0         0           Low         492         sassafras-common         12         Good         \$3,102         0         0           Low         563         sassafras-common         14         dead         \$0         0         0           Low         514         sassafras-common         15         Good         \$4,847         0         0           Low         520         sassafras	Low	707	sassafras-common	7	Good	\$1,055	0	0
Low         756         sassafras-common         7         Good         \$1,055         0         0           Low         715         sassafras-common         8         Good         \$1,379         0         0           Low         429         sassafras-common         9         dead         \$0         0         0           Low         427         sassafras-common         10         dead         \$0         0         0           Low         819         sassafras-common         10         Good         \$2,154         0         0           Low         491         sassafras-common         10         poor         \$923         0         0           Low         492         sassafras-common         12         Good         \$3,102         0         0           Low         563         sassafras-common         14         dead         \$0         0         0           Low         514         sassafras-common         15         Good         \$4,847         0         0           Low         520         sassafras-common         19         dead         \$0         0         0           Low         53         sassafras-com	Low	708	sassafras-common	7	Good	\$1,055	0	0
Low       715       sassafras-common       8       Good       \$1,379       0       0         Low       429       sassafras-common       9       dead       \$0       0       0         Low       427       sassafras-common       10       dead       \$0       0       0         Low       819       sassafras-common       10       Good       \$2,154       0       0         Low       491       sassafras-common       10       poor       \$923       0       0         Low       492       sassafras-common       12       Good       \$3,102       0       0         Low       563       sassafras-common       14       dead       \$0       0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       19       dead       \$0       0       0         Low       641       Tree of Heaven       4       Good       \$539       2       10	Low	747	sassafras-common	7	Good	\$1,055	0	0
Low       429       sassafras-common       9       dead       \$0       0       0         Low       427       sassafras-common       10       dead       \$0       0       0         Low       819       sassafras-common       10       Good       \$2,154       0       0         Low       491       sassafras-common       10       poor       \$923       0       0         Low       492       sassafras-common       12       Good       \$3,102       0       0         Low       563       sassafras-common       14       dead       \$0       0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$539       2       10         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	756	sassafras-common	7	Good	\$1,055	0	0
Low       427       sassafras-common       10       dead       \$0       0         Low       819       sassafras-common       10       Good       \$2,154       0       0         Low       491       sassafras-common       10       poor       \$923       0       0         Low       492       sassafras-common       12       Good       \$3,102       0       0         Low       563       sassafras-common       14       dead       \$0       0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$539       2       10         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	715	sassafras-common	8	Good	\$1,379	0	0
Low       819       sassafras-common       10       Good       \$2,154       0       0         Low       491       sassafras-common       10       poor       \$923       0       0         Low       492       sassafras-common       12       Good       \$3,102       0       0         Low       563       sassafras-common       14       dead       \$0       0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	429	sassafras-common	9	dead	\$0	0	0
Low       491       sassafras-common       10       poor       \$923       0       0         Low       492       sassafras-common       12       Good       \$3,102       0       0         Low       563       sassafras-common       14       dead       \$0       0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	427	sassafras-common	10	dead	\$0	0	0
Low       492       sassafras-common       12       Good       \$3,102       0       0         Low       563       sassafras-common       14       dead       \$0       0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	819	sassafras-common	10	Good	\$2,154	0	0
Low       563       sassafras-common       14       dead       \$0       0         Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	491	sassafras-common	10	poor	\$923	0	0
Low       514       sassafras-common       15       Good       \$4,847       0       0         Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	492	sassafras-common	12	Good	\$3,102	0	0
Low       520       sassafras-common       19       dead       \$0       0       0         Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	563	sassafras-common	14	dead	\$0	0	0
Low       553       sassafras-common       20       fair       \$6,154       0       0         Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	514	sassafras-common	15	Good	\$4,847	0	0
Low       641       Tree of Heaven       4       Good       \$345       2       8         Low       613       Tree of Heaven       5       Good       \$539       2       10	Low	520	sassafras-common	19	dead	\$0	0	0
Low         613         Tree of Heaven         5         Good         \$539         2         10	Low	553	sassafras-common	20	fair	\$6,154	0	0
	Low	641	Tree of Heaven	4	Good	\$345	2	8
Low         643         Tree of Heaven         5         Good         \$539         2         10	Low	613	Tree of Heaven	5	Good	\$539	2	10
	Low	643	Tree of Heaven	5	Good	\$539	2	10

Low	619	Tree of Heaven	5	poor	\$231	2	10
Low	586	Tree of Heaven	6	Good	\$775	2	12
Low	602	Tree of Heaven	6	Good	\$775	2	12
Low	620	Tree of Heaven	6	Good	\$775	2	12
Low	578	Birch-river	4	Good	\$345	3.5	14
Low	716	Birch-river	4	Good	\$345	3.5	14
Low	622	Tree of Heaven	7	dead	\$0	2	14
Low	616	Tree of Heaven	7	Good	\$1,055	2	14
Low	649	Tree of Heaven	7	Good	\$1,055	2	14
Low	678	hombeam-american	5	Good	\$539	3	15
Low	679	hombeam-american	5	Good	\$539	3	15
Low	760	Oak-northern red	4	Good	\$345	4	16
Low	612	Tree of Heaven	8	Good	\$1,379	2	16
Low	618	Tree of Heaven	8	Good	\$1,379	2	16
Low	646	Tree of Heaven	8	Good	\$1,379	2	16
Low	755	Tree of Heaven	8	Good	\$775	2	16
Low	742	Maple-Norway	4	dead	\$0	4.5	18
Low	653	Maple-Norway	4	Good	\$345	4.5	18
Low	661	Maple-Norway	4	Good	\$345	4.5	18
Low	734	Maple-Norway	4	Good	\$345	4.5	18
Low	822	Maple-Norway	4	Good	\$345	4.5	18
Low	637	Tree of Heaven	9	Good	\$1,745	2	18
Low	638	Tree of Heaven	9	Good	\$1,745	2	18
Low	645	Tree of Heaven	9	Good	\$1,745	2	18
Low	665	Tree of Heaven	9	Good	\$2,089	2	18
Low	576	cherry	4	Good	\$345	5	20
Low	730	Cherry	4	Good	\$345	5	20
Low	732	Cherry	4	Good	\$345	5	20
Low	751	Cherry	4	Good	\$345	5	20
Low	588	Elm-american	5	poor	\$231	4	20
Low	642	Oak-northern red	5	Good	\$539	4	20
Low	657	Oak-northern red	5	Good	\$539	4	20
Low	703	Oak-northern red	5	Good	\$539	4	20
Low	705	Oak-northern red	5	Good	\$539	4	20
Low	652	Tree of Heaven	10	Good	\$2,154	2	20
Low	728	Birch-river	6	Good	\$345	3.5	21

	700	Oal Charles	4	CI	6245		22
Low	782	Oak-Chestnut	4	Good	\$345	5.5	22
Low	644	Tree of Heaven	11	fair	\$1,862	2	22
Low	523	Maple-Norway	5	Good	\$539	4.5	22.5
Low	658	Maple-Norway	5	Good	\$539	4.5	22.5
Low	739	Maple-Norway	5	Good	\$539	4.5	22.5
Low	740	Maple-Norway	5	Good	\$539	4.5	22.5
Low	554	Maple-Norway	5	poor	\$231	4.5	22.5
Low	848	Locust-black	6	poor	\$332	4	24
Low	634	Oak-northern red	6	Good	\$775	4	24
Low	741	Oak-northern red	6	Good	\$775	4	24
Low	633	Tree of Heaven	12	Good	\$3,102	2	24
Low	430	Birch-river	7	Good	\$1,055	3.5	24.5
Low	717	Birch-river	7	Good	\$1,055	3.5	24.5
Low	424	Cherry	5	Good	\$539	5	25
Low	569	cherry	5	Good	\$539	5	25
Low	577	cherry	5	Good	\$883	5	25
Low	629	cherry	5	Good	\$539	5	25
Low	797	Cherry	5	Good	\$539	5	25
Low	813	Cherry	5	Good	\$539	5	25
Low	824	Cherry	5	Good	\$539	5	25
Low	556	cherry	5	poor	\$231	5	25
Low	555	Maple-Norway	6	fair	\$554	4.5	27
Low	433	Maple-Norway	6	Good	\$775	4.5	27
Low	521	Maple-Norway	6	Good	\$775	4.5	27
Low	663	Maple-Norway	6	Good	\$775	4.5	27
Low	746	Maple-Norway	6	Good	\$775	4.5	27
Low	850	Maple-Norway	6	Good	\$775	4.5	27
Low	765	Maple-red	6	Good	\$775	4.5	27
Low	807	Maple-red	6	Good	\$1,120	4.5	27
Low	796	Maple-Sugar	5	Good	\$539	5.5	27.5
Low	464	Birch-river	8	Good	\$1,379	3.5	28
Low	477	Birch-river	8	Good	\$1,379	3.5	28
Low	685	Oak-northern red	7	Good	\$1,055	4	28
Low	701	Oak-northern red	7	Good	\$1,055	4	28
Low	628	Tree of Heaven	14	Good	\$4,222	2	28
Low	580	cherry	6	Good	\$775	5	30
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Low	583	cherry	6	Good	\$554	5	30
Low	603	Cherry	6	Good	\$775	5	30
Low	575	cherry	6	poor	\$480	5	30
Low	585	Hickory/Pecan	4	fair	\$246	7.5	30
Low	606	Hickory/Pecan	4	fair	\$246	7.5	30
Low	458	Hickory/Pecan	4	Good	\$345	7.5	30
Low	587	Hickory/Pecan	4	Good	\$345	7.5	30
Low	610	Hickory/Pecan	4	Good	\$345	7.5	30
Low	648	Hickory/Pecan	4	Good	\$345	7.5	30
Low	684	Hickory/Pecan	4	Good	\$345	7.5	30
Low	688	Hickory/Pecan	4	Good	\$345	7.5	30
Low	769	Hickory/Pecan	4	Good	\$345	7.5	30
Low	801	Hickory/Pecan	4	Good	\$345	7.5	30
Low	754	Oak-white	6	Good	\$775	5	30
Low	832	Oak-white	6	Good	\$775	5	30
Low	726	Birch-river	9	Good	\$775	3.5	31.5
Low	736	Maple-Norway	7	Good	\$1,055	4.5	31.5
Low	744	Maple-Norway	7	Good	\$1,055	4.5	31.5
Low	518	Oak-northern red	8	fair	\$985	4	32
Low	609	Oak-northern red	8	fair	\$985	4	32
Low	443	Oak-northern red	8	Good	\$1,379	4	32
Low	473	Oak-northern red	8	Good	\$1,379	4	32
Low	482	Oak-northern red	8	Good	\$1,379	4	32
Low	680	Oak-northern red	8	Good	\$1,379	4	32
Low	630	Oak-Black	6	Good	\$775	5.5	33
Low	501	ash-white	7	Good	\$1,055	5	35
Low	505	Birch-river	10	Good	\$2,154	3.5	35
Low	623	cherry	7	dead	\$0	5	35
Low	582	cherry	7	Good	\$1,055	5	35
Low	593	cherry	7	Good	\$1,055	5	35
Low	664	Cherry	7	Good	\$1,055	5	35
Low	814	Cherry	7	Good	\$1,055	5	35
Low	423	Cherry	7	poor	\$683	5	35
Low	467	Dogwood-Flowering	5	Good	\$539	7	35
Low	647	Maple-Norway	8	Good	\$1,379	4.5	36
Low	660	Maple-Norway	8	Good	\$1,379	4.5	36

Low	690	Maple-Norway	8	Good	\$1,379	4.5	36
Low	738	Maple-Norway	8	Good	\$1,379	4.5	36
Low	743	Maple-Norway	8	Good	\$1,379	4.5	36
Low	773	Maple-Norway	8	Good	\$1,379	4.5	36
Low	418	maple-red	8	Good	\$1,465	4.5	36
Low	672	Maple-red	8	poor	\$784	4.5	36
Low	656	Oak-northern red	9	Good	\$1,745	4	36
Low	431	Tulip Tree	12	dead	\$0	3	36
Low	557	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	604	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	608	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	611	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	614	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	635	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	639	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	650	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	771	Hickory/Pecan	5	Good	\$539	7.5	37.5
Low	449	Maple-Sugar	7	Good	\$1,745	5.5	38.5
Low	800	Maple-Sugar	7	Good	\$1,055	5.5	38.5
Low	687	Cherry	8	Good	\$1,379	5	40
Low	479	Maple-Norway	9	Good	\$1,745	4.5	40.5
Low	480	Maple-Norway	9	Good	\$1,745	4.5	40.5
Low	522	Maple-Norway	9	Good	\$1,745	4.5	40.5
Low	651	Maple-Norway	9	Good	\$2,800	4.5	40.5
Low	662	Maple-Norway	9	Good	\$1,745	4.5	40.5
Low	820	Maple-Norway	9	Good	\$1,745	4.5	40.5
Low	682	Birch-river	12	Good	\$3,102	3.5	42
Low	847	Locust-black	11	Good	\$2,606	4	44
Low	840	Maple-Sugar	8	Good	\$1,379	5.5	44
Low	712	Oak-northern red	11	Good	\$2,606	4	44
Low	507	cherry	9	Good	\$2,089	5	45
Low	686	Cherry	9	Good	\$1,745	5	45
Low	692	Hickory/Pecan	6	dead	\$0	7.5	45
Low	584	Hickory/Pecan	6	fair	\$554	7.5	45
Low	448	Hickory/Pecan	6	Good	\$19,386	7.5	45
Low	568	Hickory/Pecan	6	Good	\$775	7.5	45

Low	590	Hickory/Pecan	6	Good	\$775	7.5	45
Low	607	Hickory/Pecan	6	Good	\$775	7.5	45
Low	621	Hickory/Pecan	6	Good	\$775	7.5	45
Low	625	Hickory/Pecan	6	Good	\$775	7.5	45
Low	626	Hickory/Pecan	6	Good	\$775	7.5	45
Low	627	Hickory/Pecan	6	Good	\$775	7.5	45
Low	770	Hickory/Pecan	6	Good	\$775	7.5	45
Low	579	Hickory/Pecan	6	poor	\$332	7.5	45
Low	851	Maple-Norway	10	Good	\$2,154	4.5	45
Low	812	Maple-red	10	Good	\$2,154	4.5	45
Low	512	Birch-river	13	Good	\$3,640	3.5	45.5
Low	778	Maple-Norway	11	dead	\$0	4.5	49.5
Low	745	Maple-Norway	11	Good	\$2,606	4.5	49.5
Low	779	Maple-Norway	11	Good	\$2,606	4.5	49.5
Low	830	Maple-Norway	11	Good	\$2,606	4.5	49.5
Low	516	Maple-red	11	Good	\$2,606	4.5	49.5
Low	450	Maple-Sugar	9	Good	\$775	5.5	49.5
Low	810	Maple-Sugar	9	Good	\$1,745	5.5	49.5
Low	570	cherry	10	Good	\$2,154	5	50
Low	572	cherry	10	Good	\$2,154	5	50
Low	490	Oak-northern red	13	dead	\$0	4	52
Low	483	Oak-northern red	13	Good	\$3,640	4	52
Low	700	Oak-northern red	13	Good	\$3,640	4	52
Low	753	Birch-river	15	Good	\$4,847	3.5	52.5
Low	605	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
Low	636	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
Low	640	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
Low	654	Hickory/Pecan	7	Good	\$1,831	7.5	52.5
Low	666	Hickory/Pecan	7	Good	\$1,055	7.5	52.5
Low	502	Maple-Norway	12	Good	\$3,102	4.5	54
Low	503	Maple-Norway	12	Good	\$3,102	4.5	54
Low	508	Maple-Norway	12	Good	\$3,102	4.5	54
Low	558	Maple-Norway	12	Good	\$3,102	4.5	54
Low	632	cherry	11	Good	\$2,606	5	55
Low	737	Cherry	11	Good	\$2,606	5	55
Low	766	Maple-Sugar	10	Good	\$2,499	5.5	55
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Low	412	Oak-Chestnut	10	Good	\$2,154	5.5	55
Low	601	Oak-Chestnut	10	Good	\$2,154	5.5	55
Low	411	Birch-river	16	Good	\$5,514	3.5	56
Low	581	Birch-river	16	Good	\$2,363	3.5	56
Low	510	Maple-Norway	13	Good	\$3,640	4.5	58.5
Low	487	maple-red	13	Good	\$3,985	4.5	58.5
Low	833	Maple-red	13	Good	\$3,640	4.5	58.5
Low	702	Birch-river	17	poor	\$3,640	3.5	59.5
Low	655	Hickory-shagbark	8	Good	\$1,379	7.5	60
Low	816	Hickory/Pecan	8	fair	\$985	7.5	60
Low	445	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	456	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	462	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	470	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	474	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	504	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	515	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	571	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	809	Hickory/Pecan	8	Good	\$1,379	7.5	60
Low	513	Oak-northern red	15	Good	\$4,847	4	60
Low	440	Oak-Chestnut	11	Good	\$2,606	5.5	60.5
Low	485	Maple-Norway	14	Good	\$4,222	4.5	63
Low	486	Maple-Norway	14	Good	\$4,222	4.5	63
Low	617	Oak-Chestnut	12	Good	\$3,102	5.5	66
Low	488	Birch-river	19	Good	\$7,776	3.5	66.5
Low	793	Birch-river	19	Good	\$7,776	3.5	66.5
Low	438	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
Low	447	Hickory/Pecan	9	Good	\$1,379	7.5	67.5
Low	461	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
Low	475	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
Low	506	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
Low	525	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
Low	624	Hickory/Pecan	9	Good	\$2,089	7.5	67.5
Low	631	Hickory/Pecan	9	Good	\$1,745	7.5	67.5
Low	691	Maple-Norway	15	Good	\$4,847	4.5	67.5
Low	780	Oak-northern red	17	Good	\$6,225	4	68
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Low	489	Birch-river	20	Good	\$16,392	3.5	70
Low	675	Maple-Sugar	13	Good	\$3,640	5.5	71.5
Low	677	Maple-Sugar	13	Good	\$3,640	5.5	71.5
Low	417	Oak-northern red	18	Good	\$6,979	4	72
Low	472	Oak-northern red	18	Good	\$6,979	4	72
Low	689	Oak-northern red	18	Good	\$6,979	4	72
Low	416	Hickory-shagbark	10	Good	\$2,154	7.5	75
Low	444	Hickory/Pecan	10	Good	\$2,154	7.5	75
Low	768	Hickory/Pecan	10	Good	\$2,154	7.5	75
Low	452	Oak-northern red	19	Good	\$7,776	4	76
Low	435	Oak-northern red	20	Good	\$8,616	4	80
Low	615	Oak-northern red	20	Good	\$21,907	4	80
Low	752	Birch-river	23	Good	\$11,395	3.5	80.5
Low	471	Hickory-shagbark	11	Good	\$2,606	7.5	82.5
Low	484	Maple-Sugar	15	Good	\$4,847	5.5	82.5
Low	774	Oak-Chestnut	15	Good	\$4,847	5.5	82.5
Low	422	Oak-northern red	21	Good	\$9,499	4	84
Low	849	Tulip Tree	28	Good	\$16,888	3	84
Low	776	Oak-Black	16	Good	\$5,514	5.5	88
Low	573	Oak-Chestnut	16	Good	\$5,514	5.5	88
Low	526	Oak-northern red	22	Good	\$10,426	4	88
Low	659	Oak-northern red	22	Good	\$10,426	4	88
Low	476	Hickory-shagbark	12	Good	\$3,104	7.5	90
Low	519	Hickory-shagbark	12	Good	\$3,102	7.5	90
Low	775	Hickory-shagbark	12	Good	\$3,102	7.5	90
Low	457	Hickory/Pecan	12	Good	\$3,102	7.5	90
Low	589	Hickory/Pecan	12	Good	\$3,102	7.5	90
Low	823	Hickory/Pecan	12	Good	\$3,102	7.5	90
Low	408	Oak-northern red	23	Good	\$11,395	4	92
Low	426	Oak-northern red	23	Good	\$11,395	4	92
Low	764	Maple-Sugar	17	Good	\$11,380	5.5	93.5
Low	455	Oak-Chestnut	17	dead	\$0	5.5	93.5
Low	410	Oak-Chestnut	17	Good	\$6,225	5.5	93.5
Low	735	Birch-river	27	Good	\$15,703	3.5	94.5
Low	436	Oak-northern red	24	Good	\$12,407	4	96
Low	451	Oak-northern red	24	Good	\$1,055	4	96

Low	413	Hickory-shagbark	13	Good	\$3,640	7.5	97.5
Low	415	Hickory/Pecan	13	Good	\$3,640	7.5	97.5
Low	509	Hickory/Pecan	13	Good	\$3,640	7.5	97.5
Low	434	Maple-Sugar	18	Good	\$6,979	5.5	99
Low	465	Oak-Chestnut	19	Good	\$7,776	5.5	104.5
Low	432	Hickory/Pecan	14	Good	\$4,222	7.5	105
Low	493	Maple-Norway	24	Good	\$12,407	4.5	108
Low	469	Oak-northern red	27	Good	\$15,703	4	108
Low	511	Oak-northern red	27	Good	\$15,703	4	108
Low	419	Oak-Chestnut	20	Good	\$8,616	5.5	110
Low	437	Oak-Chestnut	20	Good	\$8,616	5.5	110
Low	459	Oak-northern red	28	Good	\$17,888	4	112
Low	463	Oak-northern red	28	Good	\$16,888	4	112
Low	681	Oak-northern red	28	Good	\$16,888	4	112
Low	566	Hickory-shagbark	15	Good	\$4,847	7.5	112.5
Low	704	Hickory/Pecan	15	Good	\$4,847	7.5	112.5
Low	460	Oak-northern red	29	Good	\$18,115	4	116
Low	808	Cherry	24	poor	\$5,317	5	120
Low	446	Oak-northern red	30	Good	\$2,154	4	120
Low	517	Oak-Black	22	Good	\$10,426	5.5	121
Low	859	Locust-black	31	fair	\$14,492	4	124
Low	425	Oak-northern red	31	Good	\$20,288	4	124
Low	441	Oak-northern red	31	Good	\$20,288	4	124
Low	811	Oak-northern red	31	Good	\$38,404	4	124
Low	839	Oak-northern red	33	poor	\$9,821	4	132
Low	772	Hickory/Pecan	18	Good	\$6,979	7.5	135
Low	442	Oak-northern red	34	Good	\$24,200	4	136
Low	532	Oak-northern red	34	Good	\$24,200	4	136
Low	439	Oak-Chestnut	25	Good	\$13,463	5.5	137.5
Low	524	Maple-Norway	31	fair	\$14,492	4.5	139.5
Low	421	Oak-northern red	35	Good	\$25,468	4	140
Low	781	Oak-northern red	35	Good	\$25,468	4	140
Low	453	Hickory/Pecan	19	Good	\$7,776	7.5	142.5
Low	466	Hickory/Pecan	19	Good	\$7,776	7.5	142.5
Low	481	Hickory/Pecan	19	Good	\$7,776	7.5	142.5
Low	767	Oak-Black	26	Good	\$14,561	5.5	143

Low	468	Oak-northern red	36	Good	\$26,717	4	144
Low	409	Hickory/Pecan	20	Good	\$8,616	7.5	150
Low	763	Oak-northern red	38	Good	\$29,159	4	152
Low	420	Oak-Black	28	Good	\$16,888	5.5	154
Low	478	Hickory/Pecan	23	Good	\$11,395	7.5	172.5
Low	846	Hickory/Pecan	27	Good	\$15,703	7.5	202.5
Low	676	Oak-Black	41	Good	\$32,686	5.5	225.5

Good morning all,
I have been alerted to the proposed solar project at the Hudson National Golf Club and wish to voice my extreme opposition to the current proposal involving the cutting down of mature trees on a steep slope.
I live on Franklin Avenue and have been sickened by the thoughtless removal of old trees on Piney Point and Nordica. The lack of foresight on this project astounds me.
Of course, I support of green energy and environmental responsibility. However, any project in that direction would be pointless if it results in the uprooting of old growth trees. I'm sure you are already aware of tree-less impacts: flooding, erosion and loss of wildlife habitat.
Please consider carefully the harm of this proposed solar project. I and my neighbors will monitor the handling of this project and hope it ends much more happily than what happened to the trees at Piney Point.
Kindly,
Thanhha Lai
30 Franklin Avenue

Hello,

My name is Scott Silvestro and I live on Riverview Trail in Croton. I recently was alerted to the Hudson National Golf Course's request to create a 7 acre solar farm. While I am wholeheartedly in support of converting to sustainable energy sources, the idea that this would come with a cost of cutting down around 600 trees is absolutely NOT what myself nor my neighbors are in support of. I am strongly opposed to this plan and am pleading with you all to reject this proposal in favor of responsible solar energy farming. To remove 600+ carbon-reducing living trees, destroying the habitat of the animals that also call Croton home, is not acceptable and goes against one of the main reasons many people choose to live in Croton. We have to protect the natural beauty of our village.

Please review these plans and please act on behalf of your constituents and reject any irresponsible requests that are being masked as environmentally friendly. This is for the golf courses' sole financial benefit. I am strongly in favor of doing all we can to reduce our carbon footprint and move towards solar energy, but we must do this in an intelligent and well thought out way - not at the expense of 600 trees, animal lives, our beautiful landscapes and air quality.

Thank you for reading this and I hope you will consider what I am writing. I know that I do not stand alone in opposing this plan.

Respectfully your neighbor, Scott Silvestro Ann' I'm not accustomed to writing re Village issues, but here I must. I do believe in solar and I have just installed it on my roof. Solar has it's place.

I have spent some time reviewing the argument around issuing a variance for Hudson Nationals solar farm.

This project is wrong for the Village, wrong for the environment and I believe it is in violation of the spirit of the legislation that it is taking advantage of.

It reminds me of the tragedy of the clearcutting of SE Asia rainforest(Mostly Malaysia) to plant oil palms to supply renewable palm oil to Europe - in place of petroleum fuels - in pursuit E.U. tax incentives.

The investors in this scheme benefited, the environment was degraded.

Solar has its place – and its place is not on a denuded steep forest slope. Let Hudson National cover it's parking lot, the roofs of its many buildings, and land area that it has already clear-cut.

This variance is not warranted. The Village should do its due diligence and not approve this zoning change.

Martin Melman MD

Hello,

I am a village resident for over 25 years and have been following, with concern, Hudson National's request to subdivide portions of their club to create a solar farm. Cutting down hundreds of trees on slopes is truly frightening for many reasons, mostly due to erosion and flooding.

There are better places for solar farms/roofs, such as parking lots and roof tops.

Please do not approve of any plan that allows the golf course to ruin the slopes and habitat that make Croton a special place.

Sincerely, Christine O'Connor 64 Grand Croton Dear governing officials of Croton on Hudson,

Please know that my wife, Betsy Mitchell, and I, vehemently oppose the solar project proposed by HNGC. I'm certain that you are aware of the issues on both sides of the argument.

There are manifold examples of responsible solar installations, including the use of extant spaces that already contribute to Global Warming, by virtue of their vast footprints, be it village rooftops, or tarmacs, e.g., the Croton Harmon Train Station.

The HNGC is neither wise, prudent, nor economically necessary.

Thank you for your time, and for doing what is right for our village.

Mark and Betsy Mitchell

7 King St Croton The attached is a letter to the Gazette, which I would appreciate your reading as well. Thank you.

Paul Kleinman, MD

## To the editor:

I agree with the letter last week from Cary Andrews, Croton's Bird Commissioner, opposing the Hudson National Golf Club plan to clear cut 550 mature trees on 7 acres of very steep slopes on their property for a solar installation. This type of activity will result in an incalculable loss of habitat for birds and small mammals as well as the threat of severe erosion and storm water runoff into neighborhoods down the hill from the golf course. The golf course comprises 260 acres. Under previous agreements, the area to be cut down was supposed to be protected. It is inconceivable that they can't use already cleared land and the roofs of buildings for their project. Maybe they need to reduce the scope of their project or sacrifice just a little bit of their golf turf. What's next? Clear cutting the Amazon for a solar project? (Okay, I realize that is a bit of hyperbole, but you get the picture.)

This project is a win for Hudson National Golf Club, a club that costs over \$200,000 to join. They get their electricity needs covered plus they will make a buck leasing the solar installation to a third party. What does Croton get: the loss of trees which it will take decades to replace, erosion, increased storm water runoff, habitat loss, and a lousy view of the hill where the golf course sits from Croton Landing and other areas in town. In addition, I have heard that about six or seven percent of households in Croton (200 households) will get to use some of the solar power (presumably not for free).

I urge the village board of trustees not to approve the project as it is currently planned.

Sincerely,

Paul Kleinman Croton on Hudson, NY Dear Trustees,

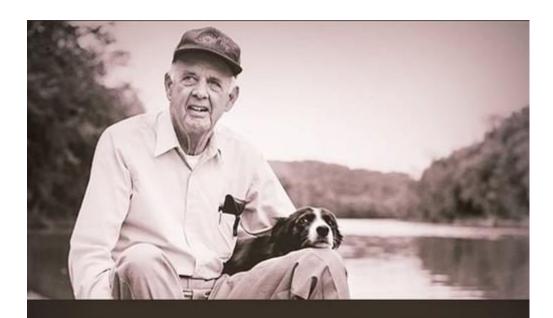
Please reject the Hudson National Golf Course Solar Field proposal. The environmental and aesthetic costs of such a project are monumental. Cutting down that number of trees, some on steep slopes no less, is foolhardy at best, disastrous at worst.

The Village's own Conservation Advisory Council did NOT approve this proposal. Why go against their advice?

Surely there are better, less harmful sites to place solar panels that would better serve our community. Sacrificing trees, upsetting wildlife and their habitats, placing a visual blight on our scenic river views, and courting disaster by removing tree roots on our steep slopes is definitely not the way to go.

Please deny this proposal!

Sincerely, Cheryl and Gordon Baptiste



Our destructiveness has not been, and it is not, inevitable. People who use that excuse are morally incompetent, they are cowardly, and they are lazy. Humans don't have to live by destroying the sources of their life. People can change; they can learn to do better. All of us, regardless of party, can be moved by love of our land and to rise above the greed and contempt of our land's exploiters.

~ Wendell Berry

Anne Sumers, M.D.

Dear Board members,

Thanks so much for your consideration of the impacts views of the Proposed Solar Field may have on the character of our Village.

1. Board Misstatement: I would firstly like to correct what I believe to be a misstatement during yesterday's meeting by someone on the board with regards to the visibility of the proposed project. The misstatement was, "The solar field project will only be visible from Croton Point."

This is simply not the case. Not only did my view study; which was based on site plan analysis by myself, a licensed architect, and my neighbor, also an architect; demonstrate that the solar field and deforested area will be visible from various points along the Riverwalk (including Senasqua Park), HNGC's own view study points out that it will be visible from the Half Moon Bay overpass.

2. Suggested Required Exhibit: I would also like to respond to the Board's question posed during the meeting yesterday regarding what concrete exhibits could be required of HNGC to demonstrate impacts on the character of the village.

As a licensed architect, I have been involved in the design of master plans for many large-scale institutional projects which often impact surrounding residential neighborhoods. A common requirement for those projects is the creation of a series of three-dimensional computer-modeled color renderings showing the proposed project in context from various sensitive points throughout the town. As these renderings can be somewhat subjective, they would need to be peer-reviewed by an appropriate entity (architectural, landscape design, civil engineering) to verify the views are accurate.

I think it is very important for the Board to take this step to make sure this project will not detract from Croton On Hudson's Image.

Thank you for your time, Susan Ealer Dear Mayor Pugh, Trustees and Manager Healy,

Thank you for the detailed attention to the significant environmental impacts of the proposed solar development. I appreciate the clarity of the process as laid out by the Board and Village Attorney Linda Whitehead.

I would like to ask for clarification on one of Attorney Whitehead's statements, namely that (paraphrasing) "A lot of numbers have been thrown around" about the number of trees that are being cut down, and that that it was unclear whether the number of 587 trees to be removed includes only those of 4"+ DBH, or whether it includes trees of 2" + DBH. I thank Attorney Whitehead for asking Nick from Chazen to clarify, but I couldn't hear his answer, if there was one, even though I was sitting behind him, so I'm sure those watching the video feed couldn't hear him, either.

I think it's important to note that before our meeting two members of our community have gone through the tree survey, as provided as backup, and calculated that the number of 4+" DBH trees to be cut down is between 577 and 600, which is exactly in line with the number indicated on the WAC's own memo, 587. All of our messaging to the community has centered around those numbers with great specificity, because we understand that accuracy matters.

If there is a different tree survey we should work off, or if our information is wrong, we certainly would like to clarify it for our community.

However, if the numbers we and the WAC have been using are correct, I would respectfully ask that that clarification be made the next time the Board meets on this matter, so there's no confusion for the public.

Thanks again for your time and attention to this very important matter,

John Ealer 5 Prickly Pear Hill Road

JOHN EALER Showrunner <u>i.ealer@ark-media.net</u> <u>john@johnealer.com</u> +1 310 403 5646 (he/him/his) Thank you all for serving on the Village Board.

I urge you to please refuse the golf course application to cut down over 500 trees in order to install solar panels. In the short term their permit fees would be a substantial addition to the village coffers if they paid per tree as residents do. Nonetheless, we feel the loss of that many trees would be a great environmental loss. Additionally, the possibility of a negative impact on surrounding properties might well result in costly litigation to the village.

Please do not approve this project.

Respectfully,

Patricia and Sean O'Rourke

Sent from my iPad.

Dear Mayor Pugh and Board of Trustees.

I am attaching a letter from the Board of Directors of Croton100.org on the matter of the 1.8MWdc community solar project proposed for a subdivided parcel on the Hudson National Golf Club property. As a nonprofit solely devoted to a 100% emissions free future, we have examined the voluminous documentation submitted by the developer for this project. We conclude this community solar project has a very strong carbon reduction potential that cannot be ignored and must be encouraged.

The attached letter explains our core arguments for lending this project our very strong support. Thank you,

--

Leo Wiegman leo.wiegman@gmail.com
Croton-on-Hudson NY
c: 914-980-9437

Croton100 PO Box 606, Croton on Hudson, NY 10520 Croton100.org



November 9, 2021

Mayor Brian Pugh and the Board of Trustees Village of Croton-on-Hudson Stanley Kellerhouse Municipal Building One Van Wyck Street Croton-on-Hudson NY 10520 By email

Re: The Prickly Pear Community Solar Project proposed for a new subdivided parcel owned by Hudson National Golf Course.

Dear Mayor Pugh and Board of Trustees,

As the board of directors of Croton100, a local organization dedicated to the goal of achieving 100% carbon free emissions by 2040 in our community, we write to you to indicate our strong support for creating local renewable energy assets for our community.

It is critically important today that we, both as consumers and as public policymakers, give carbon a seat at the table when weighing decisions that have long term impacts.

Under this lens, enabling the Prickly Pear Community Solar Project has a carbon reduction benefit that far outweighs the impact of its construction.

Here are our core arguments in favor of the proposed 1.8 MWdc community solar project located on the Hudson National Golf Course property.

**Carbon reduction is critical**: The proposed solar project will produce enough electricity to supply more than 250 homes. Over the next 25 years, the project will produce more than 2 million kilowatt hours of solar electricity every year, which will offset over 2.5 million pounds (c. 1,100 metric tons) of greenhouse gas emissions produced annually. This project represents a significant local opportunity to green the grid with local renewable energy.

Project scale is modest in relation to the overall property and surrounding landscape: The Golf Club property comprises a total of 260 acres. The area dedicated to the two solar arrays and the setbacks around the arrays will become its own parcel at 15.2 acres with about 50% of that, 7.3 acres, being used for the actual solar installation. In other words, under 3% of Hudson National's current acreage will be converted to the actual solar array.

Would it be possible to build enough solar for 150 local households and the golf club's own use only by using the parking lots or roofs of the club house? No. Those already impervious areas of roofs and asphalt are too small for a viable community solar project.

## Storm water management appears slightly improved after the solar installation is complete:

The developer filed a detailed Stormwater Pollution Protection Plan (SWPPP) in January 2021 that has been approved by all the pertinent review boards covering both the construction and post-construction periods, soil conditions, and watersheds. Due to the fact that adding solar to the site does not increase the impervious surface, no increase in runoff is anticipated. ii

In sum, the storm water runoff model actually shows a slight improvement in runoff under the final meadow condition over the existing woodland state. The latest Site Plan, last revised on 10/14/2021, shows a sizable detention basin that is 79 feet in length and 4 feet in height.<sup>iii</sup>

**Tree removal is mitigable:** Other woodlands located in Croton do deserve careful preservation, e.g. Brinton Brook and Graff Audubon preserves and the Jane Lytle Arboretum. But the acres proposed for this solar project do not represent such robust woodlands as much of the area was cleared for farmland at least once if not twice in the past. Moreover, the benefit to native pollinators and fauna from edge habitat that will be created is significant.

Of the 948 trees tagged in the parcel, 581 will be removed on a circa 7-acre area. Of these, 113 (20%) are non-native or invasive species (tree of heaven, locust, Norway maple). Of those slated for removal, 177 are smaller than an 8-inch diameter at breast height, below the threshold for a Village tree removal permit. iv

As this area was farmland as recently as 1960, the trees are generally younger with a large mix of invasive, non-native species, typical of a second growth woodland. The area lacks an understory due to both deer browse and human activity impact. Of course, trees do more than sequester carbon. They help mitigate the heat island effect, but that particular effect will not likely be noticed given the large buffer areas that remain wooded and undisturbed.

Further, it is our understanding the developer has a tree mitigation replanting plan for a significant number of trees and may also be open to contribution to a native species tree fund that the Village could use to plant trees needed elsewhere in the Village. If these promises are fulfilled, we feel that the tree removal is mitigable.

As a solar farm, the site will return to look more like the farmland that it was for the first 60 years of the last century.

**Biodiversity is a woodland-meadow trade-off:** In sum, some closed canopy woodland will be lost and replaced with edge and open meadow habitat created and maintained in and around the solar arrays. This change benefits flora and fauna that favor such ecotones, including birds whose nearest open field habitat is otherwise located on Croton Point.<sup>v</sup>

**Steep slope impacts have been minimized**: The terrain selected for the final location of the solar arrays places the solar system on the least steep areas of the subdivided parcel.

The developer intends to use an "earth screw" ground penetrating foundation system, which requires very little excavation. Earth screws are installed using small, "walk behind" auger and screw equipment, further minimizing soil disturbance during construction. The solar array is installed on top of the screws. This method helps minimize impact on slopes during construction.

**Net carbon impact of solar is more than 20 to 1 over trees:** Finally, the carbon reduction impact of this proposed community solar project far outweighs the carbon sequestration of the

trees being removed. We reviewed the Environmental Offset Summary that the developer includes in the August 28, 2020 submission for the special permit application.

The developer's assumptions made with respect to the average annual carbon offset produced by the solar project over 20 years are reasonable, yielding a total of 2.5 million pounds annually. This equates to the carbon sequestration capacity of about 13,000 hardwood trees. vi

The developer's assumptions made with respect to the average annual carbon sequestration of the existing 581 trees slated for removal is 190 pounds per tree, a very generous volume.

Hence, the 2.5 million pounds of carbon emission avoided by the solar project represent a carbon reduction increase of better than 20 to 1 over the 110,000 pounds of carbon sequestered by 581 trees.

In sum, we strongly support this project as a significant carbon reduction initiative which outweighs the limited environmental changes outlined in the documentation and studies for the project.

Thank you,

The Board of Directors

Patty L. Buchanan Mary Florin-McBride Dr. R. Eric Lewandowski Dr. Chandu Visweswariah Leo Wiegman

D..... - +h - 2021 HNECC COD2C ----

During the 2021 UNFCC COP26 meetings in Glasgow, international scientific, financial and political leaders from over 100 nations are all urging policy makers to heed the call of global scientists to make "rapid, far-reaching and unprecedented changes." Even in New York State, with its nation-leading climate goals, we are far behind the needed pace for switching to clean energy sources. We must accelerate renewable energy in this critical window of time when we are facing "Code Red for Humanity."

ii Storm Water Pollution Protection Plan: <a href="https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/matrix">https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/matrix</a> and hngc community solar swppp 1.20.21.pdf The SWPPP reports, "...the conversion of woods to meadow conditions would have little effect on the runoff characteristics since the estimated RCN (Runoff Curve Number) is actually lower in the final condition." and concludes, "Since the panels would not contribute to impervious areas, and given the size of the overall watershed, it is expected that there will be no impact to the downstream properties." (page 10)

iii Site Plan Set: https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/hud\_nat\_solar\_set.pdf

Biodiversity & Habitat Assessment: <a href="https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/hudson\_national\_biodiversity\_report\_12-15-20.pdf">https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/hudson\_national\_biodiversity\_report\_12-15-20.pdf</a>. The Biodiversity Assessment, which the developer filed in December 2020, reports, "Approximately 400 trees that meet the Village permitting criteria will be removed for this project.....The presence of a significant number of individuals of non-native or invasive species is somewhat indicative of past site disturbance." (page 5)

<sup>&</sup>lt;sup>v</sup> The Biodiversity Assessment notes the following: "The site will only require relatively small amounts of earth movement as the solar arrays are flexible with regards to placement on piers. This will result in a change to the site from second growth forest to open meadow and maintained grassland over approximately seven acres of the parcel. Those wooded portions of the site will be lost as potential habitat for bird and mammal species that are most dependent on closed canopy woodlands. The lack of available water in the immediate area does limit the potential as particularly good habitat for woodland species." (page 5)

vi Hudson National Golf Club Special Permit Amendment Application dated 8/28/2020. (page22) <a href="https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/hudson\_national\_solar.pdf">https://www.crotononhudson-ny.gov/sites/g/files/vyhlif441/f/uploads/hudson\_national\_solar.pdf</a>

## Good Morning,

I am writing to you this morning out of concern for the plan to take down trees and put up solar panels at the golf course. Is this really necessary? I am concerned for the environmental impacts of this action which I am concerned may out weight the solar energy benefit.

Thank you for your time.

Sheila Donnelly 192 Cleveland Drive

## Dear Village Board:

I am writing to express my concern about the planned solar farm at Hudson National Golf Club. I hope the plan is to conduct a full environmental review before allowing the deforestation of 7 acres that is important habitat for a range of fora and fauna. I am unable to attend the board meeting on Monday evening, but I hope you take my concerns into account during your deliberations. Thank you for your consideration and have a lovely weekend.

Anastasia Crosswhite 49 Darby Avenue Dear BOT,

I strongly support appropriately sited solar powered electric systems, and believe they are best sited to minimize negative impact on natural habitat. We want to learn more to ensure that solar farm installations help protect a healthy local environment.

After reviewing information on the proposed Hudson National Golf Club solar farm project, we strongly support further public comment, better SEQR review, and a complete EIS. The number of trees to be removed and the steep slope of the project are particularly concerning, including the difficulty of maintaining a healthy native plant meadow on the steep slope.

Warm regards,

Cynthia Van Osch

Croton on Hudson resident

Croton on Hudson Board of Trustees,

I have just received information from Saw Mill River Audubon that you are reviewing a proposal from the Hudson National Golf Club to install a large solar array farm on their steeply sloped, forested property, requiring 480 mature trees to be removed. It is your environmental responsibility to require a full environmental impact statement for this proposal. I and other residents will be following this closely and sincerely hope you will do this process to protect our Croton forests/trees from further destruction.

Donna Lassiter

2 Reinhardt Lane

Croton on Hudson, NY

Lassiter.donna@gmail.com

To: Board of Trustees,

I am completely opposed to the Golf Course proposal to clearcut over 594 trees that cover nearly 7 acres of land in our Croton area.

I understand that this land has been designated as a "No Disturbance" area with the begining of the Hudson National Golf Club some years ago.

We all know that the destruction of these trees means the loss of natural wildlife habitat and will contribute to local flooding. We also know that trees are necessary to capture carbon.

The Croton town board must do whatever it can to oppose and stop this proposal.

**Andrew Courtney** 

12 Mountain Trail,

Croton-on-Hudson, NY

Trustee Simon,

We have been residents of Croton on Hudson for 18 years. Rare is it for us to voice our opinion on any topic that comes before the board of trustees. But we feel strongly enough about the Hudson National Golf Club solar array proposal to add our voices to those who are staunchly opposed. We in general are supportive of solar energy development and the deployment of a solar array at the Croton Harmon train station is an initiative we support. But we believe the proposal put forth by HNGC should be rejected.

We will not bother to enumerate the reasons for our view, which have been expressed often enough by others. In particular we agree with the letters by Paul Kleinman and Bettina Mayer in the recent issue of the Gazette.

Sincerely,

Gerald Feigin & Juliette Meyer

2 Glengary Road

Croton on Hudson, NY

(H) 914.271.5251

I strongly object to the removal of trees by

**Hudson National** 

- James Breen

This is just a quick note to the Board that I am opposed to Hudson National Golf Club's proposal to remove a massive number of trees to install a solar farm. Removing so many trees in such a steep area presents many issues, including:

- massive destruction of forest habitat
- increased erosion
- greater amounts of stormwater runoff onto surrounding properties
- changes in the appearance of our community

Solar energy is a worthwhile endeavour - but it must be done in a way that does not cause other environmental harm. It should not just be "green-washing" for a private organization that gives little back to our community.

Additionally, I am concerned at the idea of any form of agreement for a quid-pro-quo of any kind with Hudson National in exchange for permission to build a solar installation. The golf club has been notorious for failing to honor past agreements, and has already made changes to their property without seeking appropriate approvals. The request to permit this installation should be denied.

Josh Diamond

As so many of our fellow Crotonites do, we vehemently oppose the plan as it is proposed. We need a full environmental review, with a full Environmental Impact Statement, and we believe this should be done BEFORE the permit is allowed on a steep slope with the cut down of 480 mature trees. TREES and ANIMAL HABITAT should NOT be DESTROYED to benefit this golf course!! The plan is totally unconscionable and extremely shortsighted as it is currently proposed.

LouAnn & Michael O'Hora
75 Morningside Drive
Croton-on-Hudson, NY

I oppose the plan as it currently is proposed. We need a full environmental review, with a full Environmental Impact Statement, and I believe this should be done before the permit is allowed on a steep slope with the cut down of 480 mature trees. It seems with all of their acreage, HNGC could find another less harmful site for the solar project.

Cary Andrews

20 Hunter Place

Croton on Hudson NY

To the board of trustees,

I oppose the approval of the HNGC's solar installation due to its clearcutting of hundreds of trees on steep slopes. This would be wrong action in any time, but especially in our current climate emergency. We want smart solar, not criminal solar.

Please deny approval of HNGC's proposal.

Thanks, Emily Perry Croton on Hudson resident

I have been following this issue from day one, along with another solar field project in Yorktown (Crotor Energy Group).
Let it suffice to say I am opposed to any solar project that essentially clear cuts.

Maria Cudequest

This is a copy of a letter to the editor that I wrote to the Croton Gazette stating my strong opposition to the current proposal for the solar field at Hudson National Golf Club that involves the removal of close to 600 old growth trees off a steep slope. Please be sure to share my thoughts with the Croton Advisory Council and the entire Board of Trustees as well in advance of their special meeting on Wednesday, December 8.

I have been reading in the Gazette and on Croton FB pages with increasing concern about the proposed solar installation project at the Hudson National Golf Club. While I am a strong advocate for green energy and environmental responsibility, the talk about the project involving the removal of large numbers of old growth trees from steep slopes with its potential impact for erosion, flooding and removal of habitat for local wildlife seems to undercut any environmental benefit. The concern about the removal of trees hits particularly close to home as I was one of the neighbors blindsided by the overnight disappearance of many old growth trees on Piney Point Avenue and Nordica Drive due to an extremely shortsighted construction project that now impacts the integrity of the Croton Gorge for generations to come.

I trust that the Croton Board of Trustees will continue to listen to community input and think carefully about next steps in handling this permit request.from Hudson National Golf Club. I would hate to see another Piney Point/Nordica project happen on a much larger scale.

Sincerely,

Bettina Mayer

24 Franklin Avenue

Croton-on-Hudson

Hello,

I'm writing to express my opposition to clear cutting of trees, for the purpose of placing solar panels, by Hudson National Golf Course. Solar panels are indeed a necessary source of clean energy. But destroying acres of exisiting trees- and their inhabitants- is unthinkable. Solar panels can be placed in many, many other more logical locations without the destruction of trees and the many species who rely on them.

Thank you, Kate Bellingham Dear representatives

Please don't allow for the removal of 600 old growth trees by Hudson National Golf Club.

I own a home on the opposite hillside.

By removing the trees that provide cooling from the river during the summer and a windbreak from the river during the winter they will be wasting energy, reducing the carbon catch from the canopy and allow for erosion below.

I know their members are anxious for the carbon trading points and the revenue that they will receive but it takes 100 years to grow one of these trees and 5 minutes to drop it.

I know the goal is to go green ... but not as in Cash as in a sustainable future.

Use the roof on their facility. They already removed 130,000 tons of rock and countless trees to expand the clubhouse and golf course.

When is enough - enough

Let them create a fund to put solar on municipal buildings, the schools etc if they are truly interested in the future of our planet and sustainability of our community

Thank you for your consideration of my request

Best

Jamie Black

Sent from my iPhone

Dear Mayor Pugh and the Trustees,

I am a resident of North Riverside Avenue in Croton-on-Hudson. I am writing about the proposed solar farm located on the Hudson National Golf Course property.

I implore the Board of Trustees to undertake a full environmental review to evaluate the impacts of this project on delicate forest ecosystems and require substantial changes to the proposed solar siting, if not outright deny the proposal.

To cut to the chase: Clear cutting trees to construct a solar farm is a staggering act of greenwashing on the part of Hudson National. Reducing the carbon footprint of the village is laudable, but there are numerous, already disturbed sites on which to construct solar farms. The proposed development of solar at Croton Harmon station, for example, is an excellent "win-win" along those lines. At a larger nameplate capacity, it also underscores just how much untapped solar potential is already available without cutting down another tree.

There are few parcels of undisturbed, contiguous forest remaining in Croton. The proposed solar siting is located in a long-designated "non-disturbance" area. Moving forward with this project is an affront to that designation. During these pandemic years, I've found considerable solace in the nearby Audubon sanctuary and Arboretum: This project would further fragment those delicate ecosystems.

The applicant's proposal and past conduct leaves me concerned about what the future holds. Will more clear cutting be required when it is discovered the remaining trees cast shadows, however protected the non-disturbance area is? Decades from now, will replanting grass where there was a mature forest really return things to how they were?

Thanks,

Chris Kennelly

I wii make this short. This Solar Project for the benefit of the Golf Couse and solely for their benefit should not be allowed. I could go on and on about the environmental damage that will be done by this but all that is known already. You on the board are the voices of the people of Croton who voted for you and I hope you will listen to us on this matter. The damage cannot be undone once it is approved. Please forward this to the Conservation Board. Thank you, Mary Cain

Sent from Mail for Windows

Good morning,

I hope all is well. It is my understanding that the Village's Conservation Advisory Council (CAC) will be meeting on Wednesday, December 8th for the sole purpose of voting on whether to support the solar field at Hudson National.

As a Croton resident, I wanted to go on record as **strongly opposing** this project, which will require cutting down hundreds of healthy, mature trees. While I look forward to more eco friendly projects that the village has on the table, e.g. the solar facility at the train station parking lot, cutting down 100 year old trees that is rich with wildlife, that helps control stormwater runoff and erosion; while padding the pockets of those who own and operate the golf course and gaining positive outcomes for only a small percentage of customers, does not seem beneficial to the overall health of our community, nor jibe with Croton's goal of supporting eco-friendly, sustainable projects. It was my understanding that the Conversation Advisory Council was overwhelmingly against this project, so I'm hopeful that the right decision is made here.

Please share my thoughts with the CAC and the Board of Trustees and thank y	you fo	r your
consideration		

Best,

Jeff Hirsch

Dear Mr. Healy and Mr. Rosales,

I am a Croton resident at 29 Finney Farm Rd. I am writing to voice my opposition to the solar array that the Hudson National Golf Course is proposing to build.

I am concerned about what the cutting of these 600 trees will do to the natural environment that is supported by these trees. I am also concerned that cutting these trees may destabilize the hill and cause more water runoff into the surrounding neighborhoods. I also believe that it is necessary to not build on visible ridgelines. This project will be seen from Croton Point, Croton Landing, and from 9 it would distract from the natural beauty that many have moved to this area for and love.

Croton residents have nothing to gain from this proposal and I believe if it is built it could cause property values and therefore tax revenues to fall for the village. When the contract was put in place between Hudson National and the Village it stipulated no additional trees be cut down. The village should abide by the intent and spirit of the original agreement and not allow these acres to be cut down.

Please forward my comments to the members of the CAC as well as the entire Board of Trustees.

Best,

Nora Nicholson

Dear Respected Croton-on-Hudson Board Members,

As an avid bird-enthusiast and conservation supporter I am an active member of numerous environmental organizations in Westchester. I would like to briefly register my strong support for further public comment, better SEQR review, and a complete EIS before any approval of this ambitious solar project. The number of trees to be removed and the steep slope of the project are particularly concerning to me since I have seen harmful erosion occur here in my neighborhood of NW Westchester due to drastic removal of trees for "proposed" construction. This would be a minimum of prudence to prevent a "renewable energy project" at the expense of the already energy-wise presence of natural protection offered by existing habitat.

I humbly ask you to consider my plea for caution in the matter of the solar farm.

Respectfully,

Linda Brunner

Westchester voter

--

Linda Brunner

I do not support this act.
Solar panels can be set up elsewhere— Shoprite parking lot!

- Eleanor Kwei

Village Board Of Trustees,

I commend the Hudson National Golf Club for wanting to develop a solar project to offset their carbon emissions and provide renewable energy to the community.

However, I have concerns that the project is not thoroughly thought out from an environmental impact standpoint.

Before the project is approved by the Village, I would request a thorough State Environmental Quality Review be done and Environmental Impact Statement be prepared.

thank you

Jeff Schumann

4 Joseph Wallace Drive

Croton On Hudson NY 10520

To the Croton Village Board,

I oppose the Hudson National Golf Course solar panel installation plan.

I strongly endorse the Pace University Environmental Center's statement on this issue:

Trees are important for sequestering carbon, and also for protecting biodiversity, preventing heat island effects, and providing a healthy environment in urban and suburban areas. Biodiversity is especially difficult to quantify and track,

cannot be directly valued against other metrics like carbon reductions, and, as a result, is chronically undervalued, contributing to ecosystem losses. Given that biodiversity is severely at risk and that many decades are required to fully

replace all the environmental services provided by mature tree stands, tree removal should only be done sparingly. [Source: Pace University Climate Center letter to Town of Mt. Pleasant, June 1, 2021.]

Our native forests are under already siege from a host of imported pests and pathogens as well as excessive deer browse. Cutting down mature native trees not only fragments what remains of important habitat, it removes seed sources necessary for forest regeneration. An oak tree does not reach peak seed production until aged approximately 50 years (University of Tennessee Extension Service). No "mitigation measures" can ever compensate for the loss of native trees in situ.

Clear-cutting a wooded hillside in favor of solar panel installation also sets a potentially disastrous precedent for historic Hudson Valley viewsheds: "Large scale solar installations sited in historic viewsheds should not result in significant aesthetic impacts leading to diminishment of public enjoyment and appreciation of an inventoried resource, or one that impairs the character or quality of such a place." <a href="https://www.preservnys.org/solar-power">www.preservnys.org/solar-power</a>

Please reject this proposal.

Yours sincerely,

Karalyn Lamb

Native Plant Center Valhalla Steering Committee

Pollinator Pathway Northeast Steering Committee

As a Croton homeowner since 1995 who loves the area and lives just down the road from this Golf Course and wonderful Arboretum—I am having a hard time with this proposal.

Therefore, I agree with my neighbors and OPPOSE the current plan as introduced. We respectfully ask for a complete study including full Environmental Impact Statement before this permit is allowed.

**Robin Lawrence** 

14 Hunter PI, Croton-On-Hudson, NY

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Sent from Gmail Mobile

#### To the Trustees:

The Saw Mill River Audubon Society has made us, the Hudson River Audubon Society, aware of the plans to locate a solar farm on the property owned by the Hudson National Golf Club.

Both societies are chapters of the National Audubon Society, both located in Westchester County. We share Saw Mill River Audubon Society's concerns about locating a solar farm on this particular site.

We are located in the southwestern part of the county, but birds fly everywhere; we are concerned that the solar farm will not negatively impact birds, their habitats, or their breeding or their migration. Or other wildlife.

The Saw Mill River Audubon has outlined the issues which should be considered in the location of a solar farm; we are in complete agreement with them.

We are in favor of solar energy, of moving towards renewable sources, but we must be careful not to exchange one harm to the environment in an effort to mitigate the harm we are doing by burning fossil fuels.

Sincerely,

Frances Greenberg

President

**Hudson River Audubon Society** 

914-478-2402

To the Trustees of the Croton Village Board.

I live in Croton on Hudson on Mount Airy and my children were born and educated here. I consider the golf course a neighbor since the noise and fireworks they sometimes display have, in the past, disturbed our entire neighborhood. I am supportive of solar power and am happy to hear the golf course is considering whether they can use their property to generate solar power.

However it does not seem reasonable to me to propose such a power generation at the cost of cutting down a large number of trees, especially those on sleep slopes which have been designated as worthy of protection by our Town of Cortlandt. I urge you to require a full Environmental Impact Statement before proceeding any further in this project. I also ask you to consider whether other options exist on the property to generate solar power (panels on existing buildings and over parking lots) which would produce power at a lower environmental cost.

Since the decision to allow this project rests with you, we in the community rely upon you to thoroughly examine all the facts so that irreparable harm is avoided for all of us living here.

Thank you.

Jeanne E. Zunich

I am a concerned resident of Croton and am writing in opposition of the proposed clearcutting by HNGC of approximately 600 trees to provide for a solar field. While I am in favor of providing additional solar energy to the community, I do not believe the proposed solar field is appropriate in a location designated as a non-disturbance area. I believe the benefits, both ecologically and environmentally, as well as aesthetically, of responsibly maintaining the existing mature deciduous forest, consisting of numerous species of trees, outweighs the benefits to the overall community, to residents of Prickly Pear, in installing the solar field in the proposed location. I am concerned that in addition to being an eyesore in a wooded and semi rural residential area, the removal of such a large number of trees will unduly affect the natural ecosystems in the area, increase stormwater runoff and drainage issues, destabilize the slopes and soil, and will be an undue burden on our residential neighbors who are immediately impacted by the proposed clear cutting. I strongly urge you to oppose the proposed clear cutting, to require HNGC to engage an independent, Village- (and resident-) approved independent environmental consultant to assess the situation, without bias, before being permitted to proceed.

Thank you for your consideration.

Sincerely, Lori Zablow-Salles

We urge you to listen carefully to warnings of the environmental impact of removing trees at the Hudson Golf Course.
Become fully informed before voting
Thanks
Scott and Lois Koeber
Sent from the all new AOL app for iOS

I oppose the plan as it currently is proposed. We need a full environmental review, with a full Environmental Impact Statement, and we believe this should be done before the permit is allowed on a steep slope with the cut down of 480 mature trees.

Andy Starr
54 Emerson Ave.
Croton on Hudson, NY 10520
914 271 2420

winter1@live.com

Please know that we oppose the continued environmental change to our quaint village. Stop clearing acres of nature. Shame on you!
To benefit who?
Nancy Ward
Paul Ward
Erin Ward
Leslie Ward

Wildlife and protect its valuable trees /landscape from IRRESPONSIBLE use of solar for the golf organization's benefit.

I' m from Georgia and visit my son snd daughter-in-law frequently . I love Croton. Wildlife I've seen on the edge of the protected areas have been wild turkeys, cougar, deer, ground hogs, birds , to name a few. And I didn't need to walk on the protected area. A gift Mother Nature has given to us.

The landscape .. taking down 600 trees.. think about the runoff. Also rocky terrain protects rapid run-off. Trees provide necessary protection to our wildlife snd provide needed cleaning of the air and do so much more.

I believe this is a selfish ill-planned proposal to do solar on at the golf property which holds total disregard for croton on Hudson continued nature's offering plus its fragile ecological system.

Oh yes, what will it do ecology -wise tax-wise to home owners on Prickly Pear Hill road and surrounding area.? Hmm?

Please no solar. Please no cutting the trees down destroying landscape, and force croton's valuable wildlife elsewhere or maybe even their demise.

No solar , Regards, Mary Ealer Warner Robins, Ga

Sent from my iPhone

Please vote no and do not grant permission to Hudson National to mow down countless trees, destabilize a hillside and destroy diversity in pursuit of a lucrative contract to lease out the land. The disturbance tolerances were established nearly 30 years ago when the golf course was created and all those living here well remember the destruction and mud runoff. Non disturbance means non disturbance. Put the panels higher up the hill - a deal is a deal.

Lael Morgan

Sent from my iPhone

I would like to express my outrage at the idea that solar at the HNGC is a benefit to Croton. Just Cutting all those trees does not make any sense never mind that they are located on a steep slope which presents erosion problems.

I request that the board deny any plans that were not in the original agreement when HNGC was approved. I would like the board to investigate the distribution of proposed income from any solar field because only 200 families receiving a \$10 credit seems very unfair.

George Wieland 914 271 4577

Please know that cutting trees in high ground causes flooding on Brook Street and High Street. I am not a particularly political person but this issue is important to me. I have seen my little Brook become a raging torrent in a few storms since the development of the golf course. It is important not to make it worse. Solar is important but the golf club has plenty of other places to put a solar field and does not have to clear cut a steep slope.

Also you are voting on moving decisions such as these to the planning board. As I understand it they don't take public comments. That would be bad for the community.

Thanks for all the hard work you put into keeping Croton a good place to live Sharon Lazarov

### Dear Manager Healy,

As an environmental educator and field biologist, a parent and grandparent, and a resident of Cortlandt who cares deeply about the health of our planet and all its inhabitants, I am writing to express my opposition to the proposed solar array at the Hudson Nation Golf Course in Croton-on-Hudson. I also ask that you convey my thoughts to the Conservation Advisory Council (CAC) and the entire Board of Trustees.

Although I generally favor solar energy projects, I have several reasons for opposing this proposal. First, choosing between forests and solar is a false choice. There are acres of parking lots and already cleared land available at the Golf Course for solar development.

In addition, the developers of this solar site have routinely mischaracterized the area to be cleared as an unhealthy, dying scrub forest, when in fact the ecosystem is doing just fine. The area is considered a second-growth forest filled with native hardwoods, with 451 trees over the age of 30 years, 276 over 50 years, 160 over 70 years, and 71 over 100 years. One tree is over 200 years old.

The area where the solar field is proposed is designated a no-disturbance area, which was created to protect the scenic hillside from large-scale development in 1999 when the golf course was created. The original permit language is very clear: "These are areas in which the natural progress of succession to a mixed hardwood forest shall be allowed to progress unaffected by golf course activities. Wildlife habitats shall develop and evolve unassisted and unimpeded." It is clear to me that cutting down so many trees in this area is completely inconsistent with this Environmental Management Plan.

The proposed solar field would be in the heart of one of the most environmentally sensitive parts of Croton-on-Hudson. It is right next to Audubon-protected areas and is near the Brinton Brook Sanctuary as well as the Jane E. Lyle Arboretum. As a field biologist, I know the importance to wildlife of keeping habitats from being being fragmented. And just some of the wildlife that have been witnessed in his area are bald eagles, bobcats, hawks, owls, wild turkeys, snakes, and herons. Bobcats are listed as animals of "special concern" on Westchester County's endangered animals website. Moreover, the trees to be cut down are potentially critical habitat to the endangered Indiana Bat.

Of great concern is the fact that over half the site in question is on steep slopes. Trees on steep slopes naturally help control stormwater runoff and erosion. If the trees there are gone, stormwater flows and erosion are likely to increase significantly, leading to mudslides, especially as more severe storms with greater frequency are predicted due to the climate crisis.

Also of concern is the fact that this site is in very close proximity to critical wetland areas that help support the rich variety of wildlife in the area. The applicant claims that the wetlands are not within 120 feet of the solar fields, but without a full Environmental Impact Statement, the impact of cutting down hundreds of trees on the wetland areas remains unknown. Our wildlife deserves better.

At the very least, this project cries out for a full environmental impact statement and SEQRA review. Cutting down so many trees on steep slopes may result in financial consequences for the village that should be considered carefully. And as I understand it, the bulk of the financial benefits from the solar energy from this project would go to the golf course, not to village residents.

Again, I am very enthusiastic about solar energy when sited properly. In this case, I believe that the environmental services of the trees in question should take priority and the solar field should be sited elsewhere on the golf course property or in the village.

Thank you for considering my comments.

Sincerely,

Theresa Kardos

26 Montrose Station Rd.

Cortlandt Manor, NY 10567

nation. Preserve our stellar reputation.

## Tom

- Tom McIntyre

Dear Mr. Healy,

Good morning. From the information that I have been able to review, it appears the proposal to install a vast array of solar panels on the steep slopes of the property would be most unwise.

Generally electric power from renewable sources such as the sun, wind, etc., are a great idea and beneficial to the environment.

This proposal would require the cutting of a large number of trees, which are themselves helpful for the air we breathe. The proposal would likely also cause damage due to erosion, and certainly would be a loss of habitat for birds and animals.

On balance, I must reluctantly oppose the proposal. Kindly pass this on the Mayor and Trustees.

Many thanks.

Lewis Montana 5 Ackerman Court Croton-on-Hudson, NY Dear Village Manager Healy and Trustees,

I'm writing as a concerned citizen about the plans for the solar field at Hudson National. I'm deeply opposed to the clear cutting of mature trees, the destruction of habitat, and the ecologically unsustainable project plans that threaten the forests, wildlife, and riparian borders in our area. The permit variance that Hudson River National requests not only flies in the face of their original commitment to the Village, but is made even more flagrant because it is for a project that is chiefly designed to benefit them.

I am hugely in favor of solar, but not in this ecologically unsustainable manner. Moreover, the Hudson River Valley is not just a vital ecosystem--it is also an economic driver for our town and region. The remaining forests and riparian borders are one of the things that make our area a jewel for residents and a sought after destination for tourism. I urge you to carefully consider the impact to our village, the landscape, the viewshed, and to the surrounding habitats and stop this project.

Please share this email with the CAC.

Respectfully,

Jennie Greer

18 Georgia Lane

Croton-on-Hudson

Dear Mr. Healy and Trustee Rosales,

I am writing regarding the proposed solar installation that would involve the removal of intact woodlands, and urge you to oppose this proposal. Forests play an essential role in carbon sequestration. Removing intact, mature forests would release carbon, and negate any environmental benefits assumed to be provided by the proposed solar installation. Please refer to the article in Science News July, 2021: "The first step in using trees to slow climate change: Protect the trees we have. By holding onto the big, old trees, more carbon will stay sequestered." <a href="https://www.sciencenews.org/article/planting-trees-protect-forests-climate-change">https://www.sciencenews.org/article/planting-trees-protect-forests-climate-change</a>

Please share this information with the village Board of Trustees and the CAC.

Thank you for your time and consideration.

Patricia Butter

(917) 670-5875

Dear Mayor Pugh, Village Manager Healy & Trustee Rosales,

I thank you ahead of time for sharing the following letter with the CAC and the entire Board of Trustees.

It has come to my attention that a solar field is proposed at the Hudson National Golf Course. This field will require the clear cutting of hundreds of mature trees.

I completely understand the tradeoffs we need to make when it comes to decisions regarding land use and transitioning to renewable energy. But for this project in particular, there is a huge factor missing from the decision-making that I want to bring to the forefront: biodiversity.

Yes, we are in a climate crisis but we are also facing a fallout of biodiversity.

- -- There are 1 million species at risk of extinction worldwide (source: <a href="https://www.un.org/sustainabledevelopment/blog/2019/05/nature-decline-unprecedented-report/">https://www.un.org/sustainabledevelopment/blog/2019/05/nature-decline-unprecedented-report/</a>).
- -- In the last 50 years, we have lost 1 out of 4 birds in North America (source: <a href="https://www.audubon.org/news/north-america-has-lost-more-1-4-birds-last-50-years-new-study-says">https://www.audubon.org/news/north-america-has-lost-more-1-4-birds-last-50-years-new-study-says</a>).
- -- Nearly half of North America's native bee species are on the decline (source: <a href="https://www.biologicaldiversity.org/campaigns/native\_pollinators/pdfs/Pollinators\_in\_Peril.pdf">https://www.biologicaldiversity.org/campaigns/native\_pollinators/pdfs/Pollinators\_in\_Peril.pdf</a>)

This collapse of biodiversity is due to many factors including climate change and pesticide use, but at the top of the list is land development leading to habitat loss; exactly what is planned for the Hudson Golf Course site.

The solar field applicant has provided an analysis showing the net climate benefit of the proposed solar and states in the Special Permit Submission Letter that "The purpose of the project is to mitigate the use of fossil fuels and generate energy that may be used by the public. In that sense, the project itself is mitigation for the removal of trees and other minor impacts as further detailed in the attached documents."

It's true that the solar field will help to offset Croton's carbon footprint more than the standing trees' contribution to offsetting Croton's footprint (as they sequester carbon in their biomass). However, the environmental benefit of trees within this second growth forest in providing biodiversity is extremely valuable and is not being accounted for.

We can count and track tons of emissions and quantify the benefit of renewable energy. There is even a burgeoning carbon market placing a monetary value on the amount of carbon offset by a sustainable project. But there is not a way to quantify the value of biodiversity. This is why the biodiversity impact seldom appears in any calculations or tables. The hundreds of standing trees in this area along with the dead trees that are vertical and have fallen horizontal on the forest floor are all critical sources of habitat.

Thousands of different species from the soil to the canopy are utilizing the many different layers of the forest. This web of plant and animal life creates a rich biodiversity that provides us with many ecosystem services, beyond carbon storage. For example, these ecosystem services include the provision of oxygen, regulation of temperature, filtering of air pollutants, stabilization of soils and soil formation, filtering of rainwater, and the provision of food and shelter habitat for many living organisms.

The applicant proposes to plant only 250 trees to make up for the clearcutting of trees. These trees will be very small and will take decades to provide the ecosystem services of the trees standing there now. Existing, standing trees in Westchester are even more valuable in this day and age of deer browsing and invasive species. The larger trees (generally 6" at diameter breast height or greater) that are standing throughout the natural areas of Westchester County are absolutely critical given the limited to zero amount of forest regeneration we are now facing. Either the deer eat any new tree saplings or a monoculture of invasive species prevents the growth of the new tree saplings.

As a landscape architect (licensed in Connecticut) and an owner of a sustainable landscaping company based out of Croton on Hudson, I know firsthand that many of these newly planted trees will simply not make it (due to lack of adequate irrigation and lack of any care until the trees are established). For these larger mitigation projects, the usual operation is for the developer to plant the trees and walk away, letting nature take its course. This means survival of the fittest and the natural die-off of many of the new trees.

The applicant also proposes to plant an open meadow habitat with wildflowers and grasses. This will become a weedy mess within 6 months to a year after planting. After installing several meadows and working for the Natural Resources Group at the NYC Parks Department, I know firsthand that a habitat restoration will certainly fail without dedicated, funded, long-term maintenance. A new meadow will require at least 5 years of a crew of trained ecological gardeners visiting at least once a month to remove the weeds. This labor and the proper disposal of weeds offsite will be costly.

Further, the solar field will fragment habitat which invites even more invasives to take over the site. Invasive species are the first plants to arrive at a newly cleared site as they have no natural predators

and are extremely proficient at reproducing themselves quickly. I doubt there will be adequate maintenance of any new plantings for this project. The new meadow that is to serve as a form of mitigation will most likely become a weedy mess. This will in turn require the landowner to mow it down every year, preventing the growth of new native species and limiting the habitat value that this mitigation is supposed to provide.

Please consider the value of biodiversity and prevent the siting of a solar facility in place of a forest.

Thank you for your consideration.

Sincerely,

Amanda Bayley

CEO, Plan it Wild

--

#### **PLAN it WILD**

Amanda Bayley
CEO, Plan it Wild

amanda@PLANitWILD.com
(914) 488-6444

More Nature. Now.

www.PLANitWILD.com

To The Village Board,

Please do not allow the golf course to clear cut a forest of mature trees teaming with wild life. It's the animals homes. It's also greatly to our benefit to preserve forests and mature trees in Croton.

There are many good places to put solar panels. Do solar responsibly! It's not environmentally friendly to clear cut a forest for solar. There is no need to do what the golf course wants and destroy an intrinsically valued forest.

I'm devastated to read this is even being considered here in Croton. Please don't let it happen! Also, please don't change the Village Steep Slope Laws or amend them. They are in place to preserve our forests and the character of Croton.

Thanks for your time and I seriously hope you consider leaving the forests alone here. It's up to you all to protect them.

Sincerely, Jessica Dieckman Dear Bryan Healy,

I hope it is not too late to registrar my objection to this solar proposal.

This project is environmentally terrible to a number of Croton's natural resources. Cutting about 600 trees on a steep slope threaten wildlife habitat and scars the Village's scenic vistas and riverfront.

Significant drainage erosion and flooding hazards would occur at at time when storms are becoming more damaging.

As concerned environmentalist I want to see strong and transparent government looking into this project. Solar panels should be place on sites more suited not hills and not where trees that help with reducing green house effects are not cut down. Trees keep the soil from erosion as well.

A full environmental impact statement is needed before any decision is made.

Thanks you,

Marion Lakatos

120 Truesdale Dr.

Croton -on-Hudson

As a resident of Croton, I'm begging the Board to vote NO on the "solar project" that the Hudson National Golf Course is requesting. It's clear the Golf Course is not interested in bettering our environment or climate here in Croton – cutting down trees does the opposite of that! The Golf Course's request is clearly monetarily based. If they want to use/install solar panels, please suggest that they put them on top of their clubhouse or that they put them in their parking lot over the parking spaces. Please do not allow them to cut down over 600 trees. Vote No.

Lynn Gonzalez

2 Stephanie Lane

Croton-on-Hudson NY 10520

I have lived in Geston Since 1781 Holy Named may Parish Maye Brian Pupp Grand Street

Maye Brian Pupp Drand Street Village may Breyer Healy 15 years Open Gallelli Sherry Worowitz Alejandra Koenles Len Simon 202-607-9234 I note not to put Solar and Cut down the trees that In Should Kemain, The Dolf Club was one thing: The natural recourses and Cuttery down trees, recourse and causing drainage erosion and flooding hazards would cause more devostation to Croton, I am very famalian this about this great. I am vell avare of the time this woodness, This in amberlooms and know all about this was done. There in amberlooms and know all about this was done.

# CROTON DESERVES RESPONSIBLE SOLAR

Hudson National Golf Course, here in Croton, is requesting a permit to subdivide over 12 "No-Disturbance Zone" designated acres of their club to create a 7 acre solar farm, primarily for its own benefit and financial gain.

# It is not green or responsible!

This project would be environmentally devastating to a number of Croton's natural resources.

Clear cutting almost 600 trees on steep slopes threatens wildlife habitat, and scars the Village's scenic vistas and riverfront. Acres of climate-change-fighting forest would be destroyed or fragmented. Significant drainage, erosion and flooding hazards would occur at a time when we are already facing more damaging storms.

## Croton residents deserve better!...

We deserve for Hudson National to be a good neighbor, respectful of Croton's environment and conservation laws. We expect strong and transparent government scrutiny of this project, and for any solar farms to be sited responsibly - on parking lots, car ports, and roof tops.

Don't allow destruction of our Village's irreplaceable environmental resources!

The Village Board needs to hear your voices strongly opposing this plan before irreparable damage is done!

Learn more at

CrotonDeservesResponsibleSolar.org

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Write to the Village of Croton-on-Hudson Mayor and Board of Trustees and let them know you expect more responsible oversight.

Mayor Brian Pugh 914-374-3960 bpugh@crotononhudson-ny.gov

Village Mgr. Bryan Healy 914-271-4848 bhealy@crotononhudson-ny.gov

Ann Gallelli 914-271-4848 agallelli@crotononhudson-ny.gov

Sherry Horowitz 914-271-5573 shorowitz@crotononhudson-ny.gov

Alejandro Rosales 914-271-4848 ARosales@crotononhudson-ny.gov

Len Simon 202-607-9234 Isimon@crotononhudson-ny.gov

> Presorted First Class

Dear Board of Trustees,

I'm a 17-year Croton resident and I'm alarmed that this golf course solar proposal is still even being considered. Hudson National's motives are clear. They are going to reap a massive power-bill savings and are going to be able to get out of their legal obligation to preserve these wooded acres.

And their claims--

- that solar panels are better than trees for the environment
- that this land has been cleared of trees before and therefore this is somehow a return to precedent

seem cynical.

If solar panels are better than trees, why not chop down the Adirondack wilderness--or the entire Amazon--and put solar farms there? Let's get Teatown and the Arboretum carbon-balanced while we're at it. Those places are overgrown with sub-optimal vegetation! Why not have the entire planet look like the Death Star? It worked for Darth Vader, at least for a while.

And who is to say that a hundred years, or two hundred years ago, is the God-decreed natural state of this land? Were there trees there three hundred years ago? Four hundred? A thousand? Ten thousand? The fact that European settlers (one could argue our most environmentally dangerous invasive species!) clear-cut a virgin forest that has never recovered does not seem to factor into their math, or into their consultant-forged bullet points.

How many animals--from birds to squirrels to butterflies to tree frogs--does a solar panel feed? Or house?

And what about the temperature effect? Does a solar panel cool its environs as much as a tree?

And does it generate as much oxygen? Or give health to soil microbes and fungi? How many acorns does a state-of-the-art panel drop in a year?

You can maybe trust their science that says the carbon offset is greater than a given tree but that's just one metric, and one that I suspect is tendentiously defined. What is the manufacturing imprint of manufacturing a solar panel? Are they grown hydroponically in green-certified facilities? Or are they made in less-than-carbon-neutral factories with components shipped in diesel-powered trucks and ships and whose elements are mined in towns and countries with fewer environmental regulations than ours?

It seems obvious to me this is a crass attempt by a bunch of elite, wealthy individuals to disburden themselves of some acreage they consider economically useless and, taking advantage of our well-intentioned desire for environmental rectitude, further line their bespoke pockets.

Please don't fall for it.

Thank you for reading this. And for all the good work you do. I know it's not easy. And I know your service is not adequately appreciated.

All my best,

**Ned Rust** 

72 Morningside Drive

Harmon, NY 10520