

1. How do our current survey numbers (acres/deer) compare to other plantations that have culled? The average density from the last 2 surveys (8/17 and 10/19) is 4.95 acres/deer. This pre-culling density is very high and is higher than the densities observed in the majority of PD's local, peer communities at the time they decided to implement a cull.

2. What would be the consequence of delaying a cull—in terms of the added deer population in subsequent years, potential health concerns to the herd, or risk to owners? As is the case with PD's peer communities, the deer and habitat are healthy. The issue is one of Cultural Carrying Capacity - the number of deer presents an unacceptable level of conflict with residents. The consequence of delaying would be residents who are currently experiencing unacceptable level of conflicts (e.g. landscape damage) will continue to do so. Should deer/vehicle collisions be of concern delaying increases the probability of collisions.

3. If we were to proceed, where would the culling actually occur? Where do HHP, Sea Pines, Indigo Run and Berkeley Hall actually conduct their cull? Do we have a similar location? We don't have woods or areas that are not populated and the golf courses have few trees that could help contain a round. Would David use a tree stand to keep the trajectory into the ground? How could we make the process as safe as possible? Safety is of the utmost importance. Due to the relatively small range of suburban deer, multiple locations that are geographically distributed throughout the community are ideal. Shooting is conducted from the roof of a pickup truck and only when safe firing conditions (i.e. downward angle and/or safe backdrop) are confirmed. This technique is used in other local communities and has proven safe, efficient and humane over a span of 20 years.

4. What non-rifle methods are available from other recommended professionals (this is the only method used by David) given we live in such a densely populated area? Relocation of deer is not permitted by SCDNR. Archery creates a host of other issues, primarily humaneness and the fact that arrowed deer may run 100 yards or more before succumbing. Trap and kill via restrained bolt gun requires areas for traps and is very visible.

5. Is there a relationship between the deer and alligator populations? No

6. Is a single culling area being recommended? If so, does this impact the deer population across all of PD? See #3

7. Did they map the locations? I would think that they are clustered. If so, then our communication to home owners should be much more intense in the areas where the culling would occur. Folk Land Management can answer spotlight survey locations. While suburban deer do have smaller ranges than wild deer, they can still span a couple hundred acres or possibly more. Deer are not territorial, so multiple groups of deer can live in the same general area (the core area of their ranges likely do not overlap). The end result is a specific area (e.g. a road or neighborhood) may have multiple groups of deer utilizing it and the groups are coming from multiple directions (i.e. they have different core areas) - focusing communications will be problematic.

8. Is deer culling is an effective measure? **Assuming an adequate initial reduction is conducted followed by subsequent maintenance, deer culling is extremely effective. I encourage Andrew to inquire with peer communities, many with 10, 15, or even 20 years experience.** My research shows it as a very ineffective and short-term solution. Many municipalities across the US and other countries have ceased deer culling as it has been proven to be an in-effective method of control when compared to alternative control methods and even doing nothing.

9. Where is Folk Land Management's written recommendation to conduct a cull of exactly 25 deer as a result of their work in October? Reading the attachments, I see where Folk Land Management, post their 2019 survey, states our deer population is "high." This is similar to their assessment from previous surveys. What deer population density is recommended for our type of community? **The conflict presented by the deer herd is a Cultural Carrying Capacity issue. The number of deer one community is willing to tolerate can be completely different from another community. So, there isn't a recommended population density. It's somewhat analogous to mosquito control – when there are too many you hear from residents. The "25" number is conservative and was recommended due to the unknowns in PD, primarily the high density of development (which limits the number of shooting locations). PD can request more tags (or return unused tags) if needed without penalty. Dialing in the "right" number of deer is an adaptive management process. Every community that I have worked in that dedicated themselves to reducing conflicts have figured out their number over time. You make a reasonable effort, evaluate the results (spotlight survey, resident perceptions) and adjust accordingly. Typically, it takes 2-3 years to get in a groove. Also, please see attached document that was submitted by Folk Land Management to SCDNR.**

10. Is it possible to formalize and possibly codify the deer cull process across Hilton Head Island? Is it repeatedly necessary for Jim to invest time to make sure this advertised common practice is legal? **I have spoken with Josh Gruber about modifying the Town of HHI Ordinances to include language that will permit firearms to be used for the purpose of deer culling's. This is certainly a possibility, but may take some time.**

11. What are the SCDNR permitting and tag costs for the proposed cull? The projected cost of killing and processing 25 deer is \$4375 vs a budget of \$5000. **SCDNR does not charge a fee for permitting and tags. Folk Land Management charges a fee for making application on behalf of Palmetto Dunes. This service has been completed but I have not received an invoice yet. Based on a conversation with Folk Land Management, this fee should not exceed approximately \$300 and is based on the actual time involved in making application. The budget of \$5,000 is based on David Henderson's fee (\$100/deer) and the estimated cost of the processing. Based on a conversation with David Henderson, the *approximate* cost for processing is \$75 per deer.**

12. If the cull is agreed, how will this be communicated to our community?

**I suggest that this topic should be well discussed by the board, with feedback from management. One point to consider is that David has experienced followers in the past who were opposed to deer culling's. As such, specific dates may need to be protected. Additionally, specific dates may change due to weather conditions or other unexpected events. Methods for notification may include email, website, and the Tidings.**

13. How many vehicle accidents with deer have been recorded in PD?

From 2011-2019, a total of 14 vehicle vs. deer accidents have been reported to PDPOA.

Year	QF Corridor	Mariners	Inverness	Total by Year
2011		1		1
2012			1	1
2013			2	2
2014		1	1	2
2015			1	1
2016		4		4
2017				0
2018		1		1
2019		2		2
Total by Area	0	9	5	

14. How many deer were culled in Leamington this year?

Leamington completed a deer culling on January 6-7, 2020 and removed 15 deer.