

- Total Permitted Flow of +/- 635,025 GPD

The project will have reclaimed water available for irrigation on common open space, parks, and golf course. Possibly individual lawns as well if common lawn maintenance is utilized (TBD). The availability of reclaimed water should drive down peak summertime demands

The project's earliest initial demand would be in the Summer of 2023 with full buildout over 10 years.

We plan to connect to the existing 16" WL on Pea Ridge Road and will have internal loops within the project.

If you can confirm the County's willingness to serve the project as described. We understand that actual allocations will occur as specific phases are submitted and permitted.

thx

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ZONING ORDINANCE SECTION 11.2 Items

11.2. Specific Requirements In addition to the above and not in conflict, the following specific standards shall apply to all uses unless otherwise indicated:

A. Noise. Noise generated by uses and operations permitted or regulated by this Ordinance shall be subject to the provisions of the Chatham County Noise Control Ordinance. The property is north of US 1 which has an average annual daily traffic (AADT) count between 34,000 and 35,500 vehicles (NC Department of Transportation (NCDOT), 2019). AADT on Old US Highway 1 south of the Site is 2,600 (NCDOT, 2019). While noise levels generated from the Site will increase during construction and after development, impacts to the surrounding area will not be significant in relation to existing noise levels from adjacent sources.

B. Vibration. No use shall be operated so as to produce ground vibration noticeable, without instruments, at the lot line of the premises, which the use is located. No significant vibration from the golf course use is anticipated.

C. Smoke and Other Particulate Matter. Every use shall be so operated as to prevent the emission of smoke from any source whatever, to a density greater than described as Number 1 on the Ringlemann Smoke Chart, provided, however, that smoke equal to, but not in excess of that shade of appearance described as Number 2 on the Ringlemann Chart may be emitted for a period or periods totaling four minutes in any 30 minutes. For the purpose of grading the density of smoke, the Ringlemann Chart as published and used by the United States Bureau of Mines, and which is hereby made, by reference, a part of these regulations, shall be standard. All measurements shall be made at the point of emission. Every use shall be so operated as to prevent the emission into the air of dust or other solid matter which may cause damage to property and health of persons or animals at or beyond the lot line of the premises on which the use is located. No significant smoke or other particulate matter is anticipated from the golf course use.

D. Odors. No use shall be operated so as to produce the emission of hazardous, objectionable or offensive odors in such concentration as to be readily perceptible at or beyond the lot line of the property on which the use is located. The golf course use is not anticipated to generate any odor concerns.

E. Toxic, Noxious or Hazardous Matter. No use shall for any period of time, discharge across the boundaries of a lot on which it is located, or into the waters of the State of North Carolina, toxic, noxious or hazardous matter in such concentrations as to be detrimental to or endanger the public health, safety, comfort, or general welfare, or cause injury or damage to persons, property or the use of property or land. Chatham County Zoning Ordinance. An Integrated Pest Management Plan (IPM) along with a Nutrient Management Plan will be provided to the County prior to commencement of construction. The Plans will be consistent with requirements and recommendations from the Golf Course Superintendents Association of America (attached) and Virginia Cooperative Extension (attached)

F. Electromagnetic Interference. No use, activity, or process shall be conducted which produces electromagnetic interference with normal radio or television reception beyond the lot line of the property on which the use is located. None anticipated with the golf course use.

G. Fire and Explosion Hazards. Each use shall be operated so as to minimize the danger from fire and explosion and to comply with the regulations contained in the building code and fire prevention code. None anticipated with the golf course use and all regulations related thereto will be complied with.

H. Humidity, Heat or Glare. Any activity producing humidity in the form of steam or moist air, or producing heat