

- 1) Where is the growth coming from?

The area is urbanizing and is providing housing for many folks who travel west for employment, but it is also developing its own commercial, institutional (hospital) and industrial base.

- 2) What will Bermuda Run, Oak Valley, Hospital, and Ashley Furniture be contributing to compensate for his loss?

Davie County will pay per statute fair market value for any property acquired in the referenced project.

- 3) What will the environmental impact of the plant/gravity sewer line?

An environmental assessment is being prepared in accordance with State guidelines. It will be ready for public review after the impact of the new treatment pricing is studied and NCDENR officials are satisfied that standard assessment regulatory requirements have been met.

- 4) Has an environmental impact study been done?

See above.

- 5) Will we be able to see it will it be transparent?

Yes, after the new information is assimilated and the revised assessment is completed

- 6) Will well water be contaminated?

Failing septic tanks can contaminate well/ground water. Public sewers protect well water.

- 7) What is the role of the already existing wastewater treatment plant near Cooleemee?

This option has been looked at by two engineering firms and both ruled this option out due to cost and distance of moving waste water.

- 8) Can it be expanded or updated?

Due to new regulations upcoming for the Yadkin River basin, the plant will have to be renovated in the near future.

9) What other options besides the two on the table have been explored?

Both Land Application and pumping wastewater to the Cooleemee wastewater treatment plant have been examined.

10) Have any of you gentlemen gone and seen the site in person and seen how it relates to what is around it?

County staff has visited the site.

11) Future implications of option 2, which is a gravity sewer line, wonder if that's a precursor to ten years down the road that ending up being what we are all opposed to now which would be option 1?

Davie County is looking for a long-term fix for the issues involving all wastewater needs. Both alternatives will be designed with anticipation of future growth.

12) What the treatment plant is going to look like?

If it proceeds, it would be a rectangular facility with sides about 5 or 6 feet above grade. It would be surrounded by berms and landscaped to reduce visibility.

13) What type of treatment plant it's going to be?

Tertiary treatment with biological nutrient removal and ultraviolet disinfection.

14) What the smell is going to be?

If a plant is built, controlling odors would be an important part of operations and design.

15) How are you going to treat the sewage?

If a plant is built, it will be built to the most severe limits in the Upper Yadkin River. It would feature biological nutrient removal and ultraviolet disinfection. It would treat to higher standards than any other facility discharging into the Upper Yadkin River.

16) Is it on site or off?

Either option that seems most feasible now will discharge to an off-site point.

- 17) Will the county be compensating Mr. Hall for his loss of his income in addition to the loss of the land itself?

Any land acquired for the project will be acquired in accordance with state laws governing land acquisition. The land will be appraised and the owner will be offered fair compensation.

- 18) Will you be compensating the Piazos for the loss of their land?

See above.

- 19) Will you be compensating all the home owners along Underpass Road including River Road, Eastridge, Country Side and West Ridge as this will devalue our property?

Property values are determined through a county-wide revaluation that is planned for 2017, and again in 2021. Any changes in values will be determined under the rules that govern the revaluation process.

- 20) Will all the property owners be getting property tax refunds for the depreciation of our properties once this plan is implemented?

Tax refunds are made when there is confirmed error in setting the value of property for the year in which the reappraisal took place. For example, current property values are based on the value of real property on January 1, 2013 and will not be revalued again until January 1, 2017. NC law prescribes an appeals process by which refunds due to incorrect values are handled. These appeals must be filed by property owner and are heard by the County's Board of Equalization and Review. If the property is not satisfied with the decision, appeals can be made to the North Carolina Property Tax Commission.

- 21) Does the EPA know that you are planning to dump treated water directly across the river where Forsyth County – Salem Glen currently dumps treated water?

The EPA does not govern the process; the State of North Carolina establishes the rules for the issuance of a wastewater discharge permits to receiving streams in North Carolina. The process does require an environmental analysis consistent with the provisions of

the State Environmental Policy Act (SEPA), which requires a formal Finding of No Significant Impact (FONSI) for the project to proceed.

- 22) Is this a violation when two counties are dumping this close in proximity to one another affecting the degree of pollutants released into the surrounding riverbed area?

See above.

- 23) Will two wastewater treatment facilities in close proximity to one another create water and air pollutants that will contaminate our environment?

The State has issued speculative discharge limits for a treatment facility discharging to the Yadkin below Idols Dam. If an Eastern Davie wastewater treatment plant is constructed, it will treat to much higher purity than any other facility discharging to the Upper Yadkin River.

- 24) With the wastewater treatment plant in close proximity to Tanglewood Park is Forsyth County in support of such a plan that could detrimentally affect the safety and use of the park by the public?

If the project proceeds, it will reduce wastewater flow to the Tanglewood pump station and reduce the risk of environmental contamination in the park.

- 25) Is Forsyth County ready to accept the potential liability of contaminated waters in the park?

See above.

- 26) Part of the Yadkin River is considered low flow in these areas tertiary treatment of wastewater is necessary in this plan is a tertiary treatment proposed?

Yes.

- 27) If not why not?

The plant will be tertiary treatment facility.

- 28) Do the plans meet the additional regulations that are required of the Yadkin Pee Dee River basin?

Yes, for all options.

29) Is there not a solution we can all agree on?

This is a difficult question to answer. The Board of County Commissioners will seek a solution that serves the best interest of the County's residents. It is unlikely that there will be a solution on which everyone will agree.

30) Can the Cooleemee Plant be improved to handle these needs?

This option has been looked at and would not be economical for customers of the utility.

31) Would another location along the river be considered especially the areas where property owners might actually benefit from their land being purchased by the county?

Any reasonable option can be considered. However, cost is a consideration in the beginning of any capital improvement.

32) Have you considered far less residential areas such as those near Hwy 64? Cost is a consideration.

See above.

33) Can we reach a solution that benefits more than just one group?

The Board of County Commissioners has and will continue to study viable alternatives, ultimately reaching a decision as to which option it believes is in the best interest of Davie County citizens.

34) Why does the plant need to be on the river?

Locations of treatment plants and interceptor sewer lines are placed at lower elevations to accommodate flows. It is a commonly accepted engineering practice and enables the projects to be constructed at the lowest cost.

35) What are you going to do to the water?

If a plant is constructed, it will treat to standards higher than the present condition of the water in the river. If a pumping station is constructed, it will transport the collected wastewater to the Muddy Creek Wastewater treatment plant.

36) Are you going to put the treated water back in there for the next town down the line to drink our poop water?

Presently, the Bermuda Run Wastewater Treatment plant discharges into the Yadkin River about 1.9 miles above the Winston Salem water intake at Idols Dam. This would increase the distance between the discharge point and the water intake.

37) Does the increase of 10% to 24% increase include water and sewage?

This is a comparison of costs for the two wastewater options presently under consideration.

38) Whether the 24% is the upper limit?

This is an estimate of the comparative cost of two options in 10 years. It is only an estimate and may change as new information is obtained.

39) What is the cost of repairs?

Operation and maintenance costs are factored into the review of all options.

40) What is the useful life of a treatment plant?

Treatment facilities are continually updated and maintained.

41) What is the liability if there is a truck overturned across the bridge? What happens to that treatment line?

The current line under the bridge at US 158 might be damaged by damage to the bridge. An interceptor system in Carter's Creek would not be affected.

42) If there is a flood or if there is a drought what is the quality?

If a plant is built, it will function properly either in flood or drought.

43) When the county upgraded the sewage pipe from 6" to 12" what did this cost?

The line that was upgraded was a portion of the forcemain under the US 158 Bridge. It was upgraded from 8" diameter to 10" diameter only at the bridge. The county paid the cost difference between 8" and 10" (only pipe size difference) in that section. The remainder of the line was unchanged.

44)Is that 12" going to cap for an extra 2 million gallons of sewage?

The current force main under the US 158 Bridge and continuing to the Tanglewood Pump station will not accommodate the growth expected in the Eastern Davie area.

45)How much growth are we planning?

The current population of the area is approximately 10,700 people. A conservative population estimate places the 2035 population at approximately 13,000 people. There will also be additional commercial and industrial growth.

46)The issue of evaluating the water supply testing above the site for chloroform, phosphorous, nitrogen and any arsenic and other brown chemicals especially now that there is a solar treatment plant being proposed? Also testing below for these chemicals?

There is Winston-Salem water treatment facility withdraws water from the Yadkin above Idols dam. Most of these constituents are routinely monitored at the intake. There will be routine pollutant monitoring below the discharge point, if a plant is constructed.

47)What will the effect be on anybody down stream?

That is currently being evaluated; however, if a plant is built, it will likely discharge water cleaner than that currently in the river.

48)How much more traffic is there going to be?

Very little additional traffic is expected, after construction of either a pump station or a treatment facility. Operations and maintenance traffic might consist of one or two pick-up trucks daily. Some tanker trucks to remove sludge may visit a treatment facility on a yearly basis.