

	Issues	Response
1	The community was originally told that the sewage was to be piped to Angus and that the Angus facility has the capacity. Does not like the idea of a local treatment plant.	The 2012 Class EA did identify a sewage pumping station and forcemain to Angus as the preferred alternative, and that the Angus plant does have future capacity available. However, through the detailed design process and with review input from the Township's peer review engineer, the design of that alternative became increasingly complex. This resulted in changes to construction, operations and maintenance that made it worthwhile to review the decisions.
2	There are concerns related to possible impacts to private properties and the effects of the ongoing construction, construction dewatering and site grading. Concerns regarding well supply, dust, access along Denney Drive and impacts to the North Tributary from dewatering have been expressed.	Construction-related effects are separate from the Class EA Amendment for Wastewater. Concerns have been discussed with Brookfield's construction team and steps are underway to address those issues where it is possible to do so. Construction dewatering and impact to water wells is specifically addressed with a Mitigation Plan that is in place to ensure that people have an adequate supply of water. Construction-related concerns should be directed to the construction team at the site so they can be addressed more quickly. However, we will also receive comments and ensure that they get to the correct individuals.
3	What effect will a local treatment plant have on the quality of life in Baxter and will it affect property values?	A local STP would have to be located to observe minimum setback requirements from sensitive users, such as residences or the school. Also, it will have to have a design that is compatible (e.g. No open tanks) and have appropriate controls and mitigation equipment to effectively control odour and noise, and to ensure that effluent criteria can be achieved all of the time. The draft Phase 2 report does recommend a local plant, but it would be subject to more controls and larger setbacks than the sewage pumping station. A sewage pumping station also has similar potential to create nuisance odour or have equipment failures, so that many of the issues are very similar to a sewage treatment plant. In both cases, the design of the systems are intended to ensure that those mishaps do not occur, and include multiple lines of defense to protect the community and the natural environment. These constraints are also part of any approvals that are required from the Ministry of the Environment Conservation, and Parks, and from the Nottawasaga Valley Conservation Authority. Similarly, the Township and their peer review engineers will ensure that those aspects are addressed fully.
4	Does not like the idea of the sewage being pumped to the North Tributary as it is a sensitive creek and trout fishery.	Please note that an evaluation of discharge alternatives would be completed as part of the upcoming Phase 3 evaluation. However, discharge to any surface water body has to address the sensitivities of that receptor, has to protect aquatic habitat and has to meet provincial standards in order to do so. An Assimilative Capacity Study was completed and considered the possibility of discharging to the Main Branch of the Nottawasaga River or the North Tributary. While both options are viable, the sensitivity of the North Tributary would require lower effluent criteria and additional precautions.
5	Please provide a list of the qualified professionals that authorized the report	The report was primarily authored by a team of professionals at Azimuth Environmental, including two hydrogeologists, two ecologists, and a civil engineer. The Azimuth team was led by Mike Jones, who is a consulting hydrogeologist with more than 30 years experience specializing in water and wastewater. The report also included input from professionals at Brookfield and was peer reviewed on behalf of the Township by two engineers from the Ainley Group and commented on by municipal staff (the CAO and the Manager of Public Works).
6	Where will the treatment plant be located?	An evaluation of locations and a decision regarding a preferred location will be part of the upcoming Phase 3 evaluation. Figure 5 in the draft Phase 2 report presents some candidate precincts where a plant could be located. Please note that the candidate precincts are much larger than the actual plant footprint would be. The preferred location and the location evaluation process will be described in the draft Phase 3 report.

7	Where will the treated effluent be discharged?	Several people have concerns that the outlet location has already been decided, and that effluent might go to the stormwater pond or to the tributary north of the site. A conclusion regarding the location of the outlet of treated effluent has not been made as this is a consideration in the upcoming Phase 3 evaluation. Discharging to the stormwater management pond or possibly to the same outlet structure of the stormwater management pond to the North Tributary are two possible locations. There are also several possible discharge locations to the Main Branch of the Nottawasaga River.
8	Odour and noise should be evaluated more fully because these are nuisance issues and possibly health impacts to the existing community . What direction does the wind blow and how many odorous days will there be for residents for all options? What has the least impact?	At the Phase 2 stage of the Class EA process, odour and noise are considered on the basis of design standards from the Ministry of Environment Conservation and Parks, and on the basis of typical standards employed at similar sized facilities in similar communities, which is suitable for making decisions regarding the relative preference of having a local plant compared to a sewage pumping station and forcemain . More rigorous numeric evaluation will be undertaken regarding the location evaluation in Phase 3 and will be presented in the Phase 3 report.
9	A more detailed financial analysis should be completed.	The cost analysis presented in the draft Phase 2 report is based on the actual tendered costs of the forcemain and the 100% detailed design cost estimate for the sewage pumping station for the sewage pumping station and forcemain alternative. The cost analysis for the STP is based on the actual construction costs for recently constructed facilities for local treatment plants in the Village of Shakespeare (modified SBR treatment) and the Town of Mono (RBC treatment).
10	There is an error in the draft Phase 2 report regarding the Lifecycle Costs.	The Lifecycle costs should be shown as annual cost per house served over 25 years. The information provided in the body of the report is correct.
11	Separation from existing and proposed community.	The facilities are segregated from residential housing on the basis of required setbacks or already approved design basis. The draft Phase 2 report considers differences related to the two options and concludes that both alternatives have similar potential.
12	Cultural Environment section does not include existing or proposed community facilities or gathering places.	The cultural environment is a factor aimed at historical cultural effects and are addressed through appropriate archaeological studies that have been complete for the lands. If lands for a STP were selected outside of the subdivision, appropriate studies would have to be completed. however, as the likely candidate areas are agricultural in nature, they are considered disturbed and have reduced archaeological potential.
13	Environmental Constraints and Opportunity section does not include inventories or sources of information.	This section describes the characteristics of environmental and physical conditions that can be impediments to or favour the alternatives. This section is based on natural heritage and hydrogeological evaluations completed for the Brookfield subdivision as well as the information contained in the Township and County's Official Plans.
14	The Township should wait until more detail is available before selecting or approving the Class EA.	The draft Phase 2 report provides a suitable degree of information to make a decision regarding the Preferred Alternative. The information considers 30 different factors and concludes that the local plant alternative is preferred compared to the forcemain and sewage pumping station alternative.