

Question – In the presentation it was mentioned that the other wells in the Park were not viable, what were the water quality issues at wells TW1-12 and TW3-13?
For test wells one and three, the main water quality issues were related to iron and nitrates.

Question – Will a turn around for garbage truck and snowplow be constructed at the end of Cedar Ave.?

There are additional design details to be worked out through the next stages of this project. The future pump station site would require parking and access for vehicles, and therefore the end of Cedar Ave would require access for snowplows.

Question – Will access to the park via the Cedar Ave. entrance be impacted during construction? Will residents still have access to the park?

The Cedar Ave. entrance will be considered for the main access point for construction. Access to the park via Cedar Ave. is expected to be maintained following construction.

Question – Please clarify whether the preferred site is north or south of the Cedar Ave. entrance?

At the time of this evaluation, the preferred site location was on the north side of Cedar Ave. due to the existing tree-line on the North side providing some concealment of the building. However, the results of the evaluation are subject to change as we continue consultation with Parks and the Public.

Question – Would the new station have capacity to service additional properties (those not currently on City water)? Is a splash pad relevant given the new water system that will be put into the park?

The scope of this project derives from the recommendations of the Mid-Spencer Creek/Greenville Rural Settlement Area Subwatershed Study, that study recommended the addition of a backup well to the existing drinking water system, not expansion of the Greenville drinking water system. The existing connections will be maintained, the system is not expected to be expanded to include other connections.

The Rural Hamilton Official Plan restricts the expansion of communal water system and the Greenville drinking water system is not to be expanded with new users; the objective of this Study is to improve the resiliency of the Greenville drinking water system. Additional supplies, such as for a splash pad, are not considered part of the scope of this project. The request would require an additional watermain which would segregate the park, as well as complex construction and design considerations with respect to wastewater management in a remote system such as Greenville.

Question – Have you considered building a road from Cedar Ave. to Medwin Ave.?

No, the access from Cedar Ave. to Medwin Ave. is through the Park; the Park Master Plan considered the roads in the Park for service vehicles.

Question – Would the station and parking area be open or fenced?

Design details will be provided in further iterations of the project, however, the conceptual design that exists for the new facility does from the previous Feasibility Study include fencing around the building and a couple of parking spaces.

Question – What is the rough timeframe to start of construction for the new well house? What is the timeframe for construction of the new well house?

Depending on comments received and feedback from the community in PIC#2 (winter 2024), it is expected that the Environmental Assessment (EA) study can be completed in the second half of 2024. If the recommended solution from the study is to be implemented, design and construction would likely occur in 2025 – 2026 based on information currently available. At this time, the duration of construction is estimated to be approximately 10 months. This is subject to change based on a range of factors.

Question – How much data is there over varying water quality conditions? Could iron and nitrates become a problem at the preferred well site?

There have been two pump tests completed on Well TW2-13 which have provided substantial and comprehensive datasets on water quality. The overall groundwater monitoring program for wells in this vicinity has been reviewed and it is not expected that there are long-term sources of nitrates or iron in the proximity of the well. It is not expected that the nitrate and iron concentrations will become an issue with respect to water quality or compliance with the Ontario Drinking Water Quality Standards (ODWQS) over time.

Question – Will the new pump station and project in general have any potential negative impact on property values along Cedar Ave? We live on Cedar Ave. and are concerned about traffic, aesthetics, and property value. What remediation has been considered?

Potential impacts of the preferred location were reviewed during the evaluation of alternative servicing solutions. Furthermore, the previous Feasibility Study looked at alternative designs for the pump station that would minimize any potential impacts. For example, the sight lines from the neighbouring property to the new pump station could be mitigated with trees. Landscaping and naturalized opportunities will be reviewed during the design phase, as well as any opportunities to improve the aesthetics of the building.

The design will be developed to minimize any potential impacts on property values along Cedar Ave.

Question – Given that there is an existing parking lot near the play structure on the North side of the Park, was a well house site considered in this location with a connection to the well head near Cedar Ave?

Alternative locations were reviewed under the previous Feasibility Study in terms of alternative preferred locations for the site. The area near the play structure would result in a lengthy watermain that would need to be construction through some of the naturalized area of the park. This would also result in a longer watermain further from the Forest Ave distribution system.

Question – Will the station produce hard or soft water?

The water quality characteristics were examined, particularly with respect to how they would impact the distribution system water quality. No significant change to the water quality with respect to hardness or softness are expected with switching from the current well to the new well.

Question – Are there any plans to link the Greensville water system to City water (Lake supply)? Are there any plans to connect Greensville to municipal sewage?

An alternative that was considered included connecting Greensville to the lake-based system which is the main supply system for the greater City of Hamilton. This alternative was reviewed; concerns were identified around the distance with which a watermain would be required from the existing end of the distribution system at the Woodley Lane reservoir to the Greensville drinking water system, and that the watermain would need to pass through the protected Niagara Escarpment area. The system would likely also require its own dedicated pumping station or system in order to overcome the great difference in elevation between Greensville and the water distribution system.

The development strategy for Greensville is based on private well and septic system and there are no plans to bring municipal sewer services to Greensville at this time.

Question – What are the parking needs for the site? How often would maintenance vehicles be there, could they park in the existing parking area?

Parking requirements will be reviewed and confirmed during the design phase of the project. Typically, operations staff needs to visit the facility on a regular basis in order to collect their regulatory and compliance samples, maintain the system, perform preventative maintenance, perform any repairs that might be required, and maintain the grounds around the facility. From an operational perspective, accessibility to the station is

mandatory. Operators will be carrying instrumentation and equipment, and contractors and maintenance vehicles will need access to the building when service or repairs are required. At times, heavy duty vehicles that use more than one traditional parking space may be present on site. Typically, parking is restricted access behind a locked gate for City vehicles and contractors only. Members of the public would not be able to freely park at the well house. Typically, at smaller well house sites in Ontario, two or three parking spaces are provided.

Question – How will Low Impact Development (LID) standards be considered in the design stage?

Implementation of Low Impact Development (LID) solutions will be considered during the design. LID will be evaluated and was already included in the Feasibility Study, LID is also a recommendation in the Mid-Spencer Subwatershed Study. A design concept for the new building will be presented at PIC#2 which will provide the building aesthetic, footprint, and layout of components.

Question – Given the existing parking lot and larger cul-de-sac at the end of Tews Lane, could this site be reconsidered despite the length of connection conduit? While the construction of a lengthier conduit may temporarily fragment the natural environment, the previously natural environment was affected by the construction of the current arboretum, and construction of an additional parking lot would affect the current natural environment near Cedar Ave.

At this stage of an EA project, it is common to revisit the alternatives scoring and selection based on comments received during the PIC. We can revisit the alternative locations and ensure that the evaluation was fair given these considerations. The main consideration at the Tews Lane location was the length of watermain and potential fragmentation of the naturalized area of the park. Furthermore, Hamilton Water would need to maintain the access, whereas the Cedar Ave. access is maintained by the City's Transportation Division. The cost would also be higher in this location.

When we evaluate these alternatives, we are considering the degree of impact and disruption. For this particular location, the main consideration was cost. Either way, the facility needs access and parking right at the building; the existing parking at the end of Tews Lane could not be used for the operations and maintenance vehicles that would park within the fenced boundary of the facility. We will consult with Parks on the preferred location in detail as we get into the design phase.



Question – Are there any plans to provide public buses to Greenville? There are so many tourists for Dundas Peaks and Tews Falls – public buses would be very helpful.

Questions of this nature can be forwarded to the City Counsellor for Ward 13 as they are outside the scope of this project.

Question – Can the complete path in the park be paved? Right now, only the section next to the playground is paved – the section from Cedar Ave. and Medwin Ave. is not paved which makes stroller access on gravel difficult.

Questions of this nature can be forwarded to Parks as they are outside the scope of this project. The Master Plan for the park was developed for gravel pathways.