



Pemberton Water System Upgrades

Welcome

**Welcome to the information session for the City's Reservoir
and Booster Station project at Greenstone Park.**

**Project representatives look forward to answering
your questions.**

Open house 5:30 pm – 7:30 pm.



Thank you for your attendance.

Pemberton Water System Upgrades

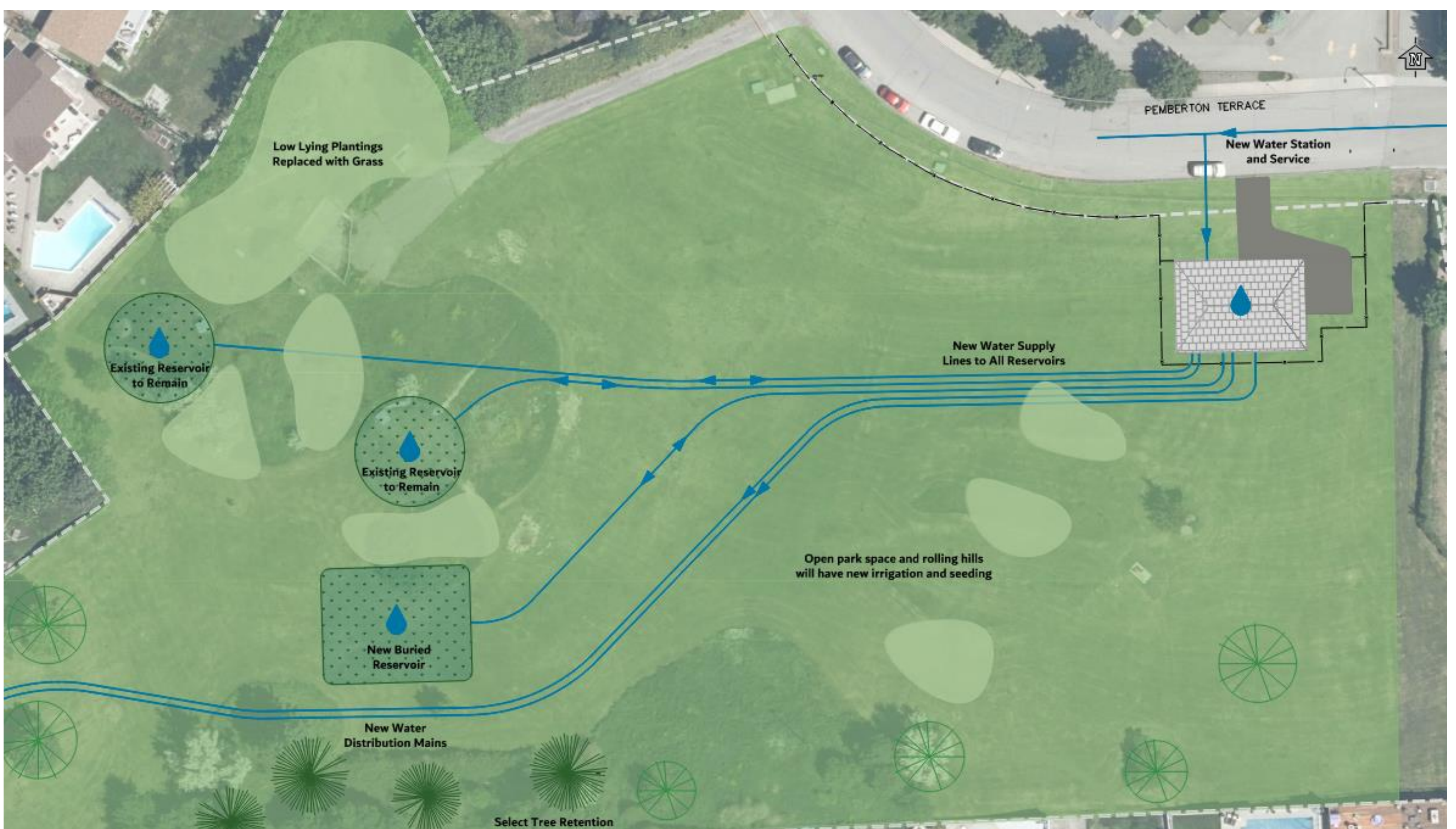
Open House

Purpose of the Project

The City of Kamloops has contracted Extreme Excavating Ltd. and Chandos Construction to install a new reservoir and booster station within Greenstone Park. This critical water infrastructure upgrade will require the full closure of the park between mid-February and November 2023.

A third reservoir is required within the park property. A new booster station and watermain will be installed to replace aging infrastructure. The existing system will remain active throughout construction.

Following completion of the infrastructure work, park restoration will include a new irrigation system and grass installation. The topography and dog park designation will be maintained.



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Introduction

Park Restoration – Expected Changes

- Park irrigation will be completely replaced for grass restoration
- The park will continue to welcome dogs
- Any affected low vegetation will be removed and replaced with grass
- Any trees affected by the project will be removed except for memorial trees, which will be relocated
- Low spots will be re-graded to improve safety



New Booster Station



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Community Impact

What to Expect in the Neighbourhood

Deliveries and construction equipment will primarily enter the park from Pemberton Terrace. Due to the park's topography, some access will be from Greenstone Drive.



Road closures will be temporary, to facilitate crews and equipment. Traffic control and signage will be utilized as required.

There will be various types of equipment on site based on project phase. This equipment may include excavators, heavy trucks, cranes, and packers.



Throughout construction, vibratory compaction equipment may be in use. Any fragile items should be packaged or protected from damage due to vibration.

Due to the nature of construction and our arid climate, some dust is to be expected throughout construction. Crews will work to minimize dust during construction.



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Community Impact

Park Closure

Park will be closed for the duration of the project:

- February 27, 2023 – December 2023

Expected work hours:

- Monday – Saturday 7:00 am – 5:00 pm
- Sundays 7:00 am – 5:00 pm (schedule dependent)



Due to the nature of construction and our arid climate, some dust is to be expected throughout construction. Crews will work to minimize dust during construction.

For more information and project updates, please visit
LetsTalk.Kamloops.ca/Greenstone

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Construction

Bedrock Removal at Reservoir

- Blasting of bedrock is required to construct the new reservoir.
- Pashco Blasting will undertake this work with utmost regard to professional practices, public safety and the protection of public property.
- Drilling and blasting will commence the third week of March. It is anticipated at this time that drilling and blasting will be completed over a two-week period. If requested, residents can be contacted in advance.
- Blasting will only be completed between the hours of 9 am and 2 pm to minimize school traffic at the site. The footprint of the new reservoir will be stripped of overburden down to bedrock.
- Rock drill(s) will be brought in and begin drilling the pre-approved blast pattern. These drills are dust suppressed but they will generate noise.
- While vibration from the blast is expected to be minimal, residents are encouraged to remove valuables from shelves and walls.





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Construction

Blasting Procedures

Pre-Blast Procedures

- When drilling is complete, the holes will be loaded and wired/delayed according to the blast design.
- Seismic monitoring devices will be setup to monitor seismic activity.
- Security guards will be posted around the jobsite including all park access and egress points.
- The site will be checked by the blaster of record to ensure the blast area is clear.
- The blaster of record will sound an airhorn 12 times, two minutes prior to each blast.

The blast will be completed

Post Blast Procedures

- The blaster of record will inspect the site to ensure that all charges have been detonated.
- Once the site has been deemed safe, the blaster will sound the airhorn for a duration of 10 to 12 seconds, indicating that the site is clear and safe.