



CUMBERLAND Wastewater Upgrades Newsletter

A quarterly update on Cumberland's high performance lagoon upgrade

ISSUE 5
NOVEMBER 2023

Hello from the Village of Cumberland's Wastewater Upgrades Project team. This is our fifth issue of our project update newsletter which will keep you informed on progress on this important infrastructure upgrade. For more information and ongoing updates, check out the website at www.cumberland.ca/wastewaterupgrades



An old mine shaft found on the property was filled and capped in preparation for work in the area.

CONSTRUCTION SET TO SLOW FOR WINTER SEASON

After a busy summer getting work up and running on the Village of Cumberland's Wastewater Upgrades Project, crews are reducing activity over winter and focusing on key building construction.

In June, crews got up and moving at the treatment facility, completing some important preliminary work in the area, including:

- **Mobilization:** Civil contractor Maple Reinders has set up an office trailer, storage, safety systems and more.
- **Mine Shaft:** An old mine shaft that was found in earlier site investigation (see our Nov. 2022 newsletter for more) has been filled and capped.
- **Lagoon Inlet Piping:** Key piping infrastructure that will facilitate the lagoon work was installed.
- **Site Preparation:** Unsuitable material was removed from the treatment works site and new fill material was brought in..

With winter weather on the horizon the focus of work will be turning to the new operations and workshop building, which is being constructed/provided by the site's neighbours: Muchalat Group. Footing and foundation work is already well underway, and construction on the building is set to begin in November.

The substantial construction work is expected to start again in the Spring of 2024.

This is the largest infrastructure project the Village has undertaken and it will allow the Village to meet some important goals. Residents in the area should expect construction noise and traffic in the coming months as work continues.

UPDATED SCHEDULE

As the project team finalizes equipment purchases and design details, the schedule for the project is further refined. Here's the updated milestone schedule for the coming year.

May 2023

Contractors mobilize to site

Winter 2023/2024

Building Construction

Spring 2024

Construction Reactivates

Winter 2024/2025

Commissioning

Spring 2025

Completion





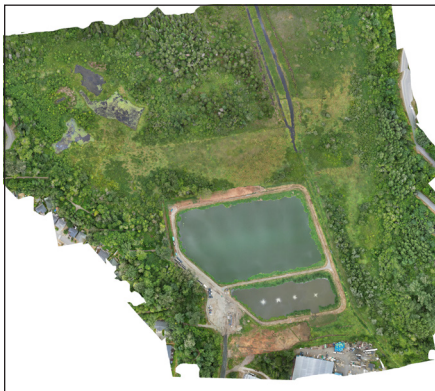
SAFETY AND SECURITY ON SITE

In preparation for work ahead, the Village has fenced the wastewater treatment site. That fencing is expected to be kept after work is complete to keep people safely away from the facilities which process raw wastewater.

In 2022, the Village completed a trail connection through the neighbouring park property so that residents could access the area without using the access road.

The project team is reminding the community:

- The access road and site are expected to be busy with construction vehicles in the coming months and residents should stay on pedestrian trails for safety.
- There have been incidents of vandalism and theft at the site: Cameras are installed and are being monitored. Incidents will be reported to the police.



A VIEW FROM ABOVE

This mosaic photo was created out of a series of drone images to capture the full treatment facility before construction began. The area cleared for work can be seen at the bottom, close to the rear of the Island Health laundry facility.



SCHEDULE UPDATE FOR PROJECT CONSTRUCTION

While work is underway, the project team has encountered some unexpected changes to the schedule. As a result work is now expected to be complete in the first quarter of 2025, rather than fall of 2024.

The changes are a result of a number of factors, including procurement challenges common to a lot of construction projects today, geotechnical concerns identified related to site conditions and design challenges resulting from those findings.

For example:



PROCUREMENT: For some components of the project it has been difficult to find companies who have capacity to bid on, and complete work. This has led to delays in project steps.



SAFETY PLANNING: A geotechnical assessment identified some concerns with the condition of the current berms (raised land around the lagoons). To ensure this is properly mitigated during construction, extra time is needed to resolve planning and design questions.

The project team is committed to keeping the community informed about the plan ahead and will continue to keep the project webpage updated with current information. Watch for the next newsletter in Feb/March 2024.

STAY IN TOUCH

This update is issued by the Village of Cumberland to keep the community informed about the Cumberland Wastewater Upgrade project.

To stay updated about the project's progress:



Cumberland.ca/wastewaterupgrades



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