

# Seqwater Dam Improvement Program

## e-update



### Leslie Harrison Dam upgrade

The upgrade of Leslie Harrison Dam is continuing on schedule and the project is progressing well across the entire site.

*Work has started to anchor the spillway. Trucks are now using the temporary bridge.*

#### Construction update

Both the areas below the dam wall and on the spillway are now in full construction mode. Work includes:

- Spillway anchoring work is well underway. Steel dowel rods will pin the bottom of the spillway into the bedrock below, and large post-tensioned steel anchors will be installed at the crest of the spillway. Anchoring the spillway to the bedrock will make it more resilient to the forces of extreme floods
- Finishing touches are being put on a new coffer dam on the old Tingalpa Creek. This coffer dam will be a permanent addition to the Leslie Harrison Dam site
- Work is continuing on the replacement of the raw water pipeline connecting Leslie Harrison Dam to the Capalaba Water Treatment Plant. The concrete conduit that carries the pipeline under the dam wall is being extended and a new access shaft is being built
- Underground electrical conduits are being installed which will replace the existing overhead electrical wires. This will improve safety at Leslie Harrison Dam, both during and after construction
- Excavation to remove sandy (alluvial) soils, widen the dam embankment and build a weighted berm below the dam wall is well underway. Work has started on building the widened embankment.



*Post-tensioned steel anchors are being installed at the crest of the spillway.*

#### Temporary bridge over Tingalpa Creek

Heavy vehicles transporting materials to and from the project site are now using the temporary bridge over the dam spillway. The benefits of this bridge will be particularly important over the coming months, as large volumes of rockfill are delivered to site.

The bridge was installed to keep trucks off more populated local roads. Light vehicles (like cars and utes) still use Larbonya Crescent and Willowie Crescent to access site. Local streets will only be used as a heavy vehicle backup contingency route in the event of major disruption on Mount Gravatt-Capalaba Road or maintenance on the bridge.



*The concrete slab will form the foundation of the extended concrete conduit through the dam wall. This provides a good indication of how much wider the dam embankment will be after construction.*

#### Planning for wet season

With major works now underway on the spillway, we need to consider the potential for heavy rain to fill the dam and for water to flow over the spillway. It's expected the bulk of work on the spillway will be completed before the wet season is upon us, but we are closely monitoring weather conditions including long-range weather forecasts. Should a major weather event occur, the spillway can be cleared of equipment and activity within a day.

**Did you know?** Seqwater provides a free **Dam Release Notification** service which sends notifications by email, text message, or even recorded messages to landlines. You can register to receive notifications when dam releases occur at [this link](#).

#### What to expect

With construction works occurring across the entire site, local residents should expect ongoing daytime noise from the use of heavy machinery around the site.

Work hours are 7am to 5.30pm Monday to Friday and 7.30am to 2pm on Saturdays, when required.



*Loose alluvial soils have been excavated, and work has started to widen and strengthen the embankment.*

**Contact the team**

If you have any questions about the upgrade, construction contractor Fulton Hogan's project contact details are:

Phone: 1800 405 086 (during work hours)

Email: [LeslieHarrisonDam@fultonhogan.com](mailto:LeslieHarrisonDam@fultonhogan.com)

We will continue to keep you informed of the project's progress. If you know of anyone who would like to receive regular updates, please forward this update to them and ask them to contact the team.

For further details about the Leslie Harrison Dam Upgrade including our traffic and environmental management plans, visit [yourseqwater.com.au/leslie-harrison-dam-upgrade](http://yourseqwater.com.au/leslie-harrison-dam-upgrade)

Thank you for your patience and understanding while this essential work is carried out.



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