

Foxglove Oval Environmental Works Community Update

March 2022

Status of environmental works at Foxglove Oval

Council continues to work closely with environmental consultants (GHD), the independent site auditor, and the NSW Environment Protection Authority (EPA), to progress passive remediation options for the northern batter of the former landfill site. As directed by the EPA, and in accordance with the Contaminated Land Management Act (CLMA1997), these measures are required to reduce the concentrations of ground gases that are moving offsite.

GHD has assessed several remediation options for the batter along the northern boundary, with the preferred options currently under review by the NSW EPA. Council expects endorsement of the preferred options by the NSW EPA by the end of March 2022.

Once endorsed, and following contractor procurement, works will commence along the northern batter. Remediation along other boundary locations (if required) is planned to commence in 2023 once the northern batter works are in place.

Proposed passive remediation works along the northern batter

After engagement with, and feedback from, residents and key stakeholders, the two preferred options for the remedial works are:

- Partial *landfill removal* from the bottom of the northern batter.
- *Installing vertical gas vents* at the top of the batter (Oval perimeter), linked via sub-surface pipes to the *landfill gas*

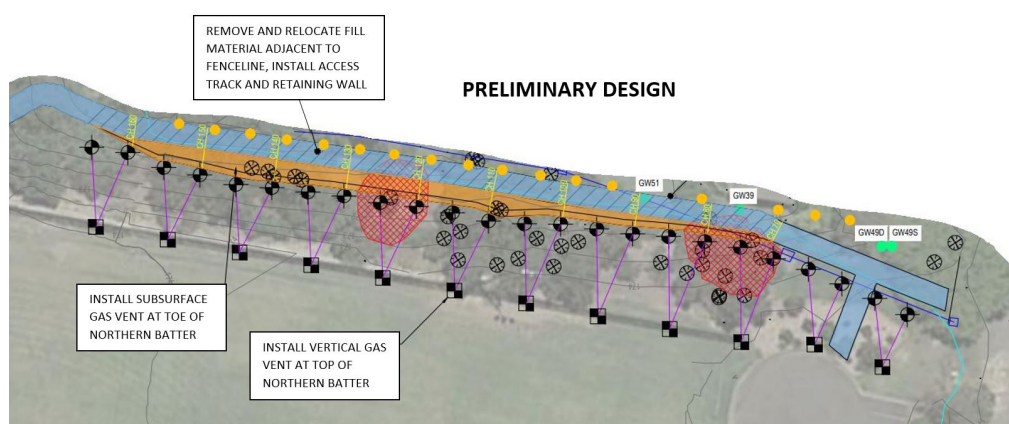


Figure 2: Northern batter schematic of proposed well and vent locations

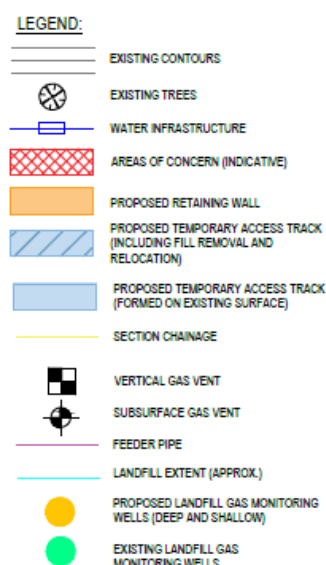


Figure 1: Consultation with residents about the concept designs in February 2022

collection bores underground at the bottom of the batter. This venting system aims to collect the landfill gases before they move offsite, releasing the gases under natural pressure through the vents to the atmosphere.

An access track will be constructed on the lower section of the northern batter for work vehicles and construction equipment needed to install the wells, vents and associated pipework. This means clearing of the existing vegetation along the batter. Local residents will have an opportunity to provide input into the landscaping design and regeneration of the batter.

Detailed designs of the preferred options are being progressed and Council will present the working versions at the community information session on Wednesday 23 March. *Figure 2* illustrates the draft locations of the landfill gas collection bores and connecting pipework, the vents (to capture and release the gas) and the validation wells (to check that the gas levels are acceptable).



For more information or to provide feedback:

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Foxglove Oval Environmental Works – Community Update (continued)

Why are these works needed?

The two main objectives of the remediation works are to:

1. Reduce and maintain methane and carbon dioxide concentrations derived from the site to acceptable levels both at the surface and sub-surface at the northern boundary of the site adjacent to properties in Gloria Close.
2. Provide a flexible solution that incorporates contingency mechanisms that could be implemented in future stages if needed, with a view to minimising intrusive construction/disturbance works if further work is required.

Validation monitoring

Validation is a critical part of the remediation process. The additional landfill gas monitoring wells proposed along the northern batter close to the boundaries of the residential properties are for validation. Monitoring results from these wells will confirm whether the remediation works are effective, or whether additional works are needed. The environmental consultant will monitor these wells for a length of time and a validation report on remediation effectiveness will be prepared.

How will the work be regulated?

The NSW EPA will issue a Clean-up Notice to Council which specifies the remediation works that are required. The Clean-up Notice is a legally binding document directing Council to take immediate action on the remediation works. This document allows Council to begin construction without having to submit a Development Application (DA), which can be a lengthy process.

Council's recently approved Voluntary Management Proposal (VMP) will inform the Clean-up Notice. Both the Clean-up Notice and the VMP are designed to ensure transparency and rigour throughout the remediation process at the northern batter (and for any remediation work which may be required at other perimeter areas of the Oval). The Auditor also has reporting responsibilities to the NSW EPA and will provide Interim Audit Advice following review of the validation monitoring.

Once endorsed, the VMP and the Clean-up Notice will be available on the NSW EPA website, and Council will provide a link from the Foxglove Oval webpage.

When will remediation works begin?

Once the tendering process is completed, works along the northern batter are expected to commence in July 2022. Figure 3 provides the preliminary timeline for these works based on contractor availability and works sequencing for the access track, retaining wall, wells and vents.

Foxglove Oval Environmental Works – Northern Batter

Preliminary timeline of works along northern boundary
(based on contractor availability and works sequencing)

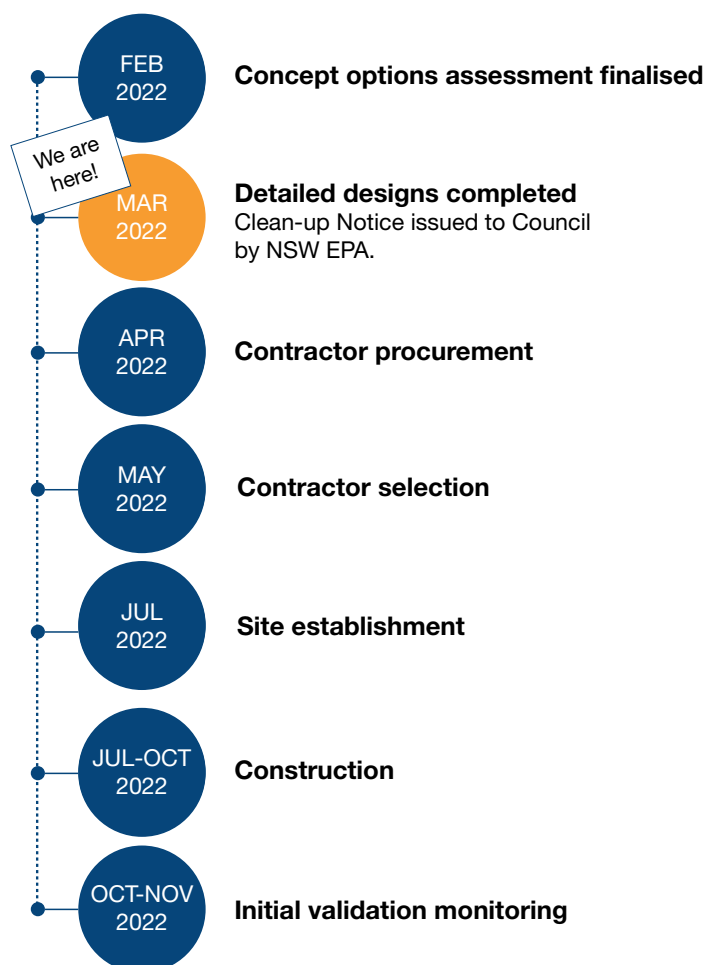


Figure 3: Preliminary timeline of environmental works along the northern boundary

Community Information Session Foxglove Oval Wednesday, 23 March 2022 4:00pm-6:30pm

The local community and Oval users are encouraged to drop in to meet the project team, view the working versions of the detailed construction designs and discuss matters of interest to you. There is no need to RSVP, just drop in anytime between 4pm and 6:30pm.

We look forward to seeing you there!

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