

# Transitional Plan Update #1 – Organics Processing Plant

31 May 2021 – 13 June 2021

Actions in this plan cover a transitional period until proposed upgrades can be completed at the Christchurch City Council composting facility located in Metro Place, Bromley. Please find below an update on each of the key objectives outlined in the Transitional Plan.

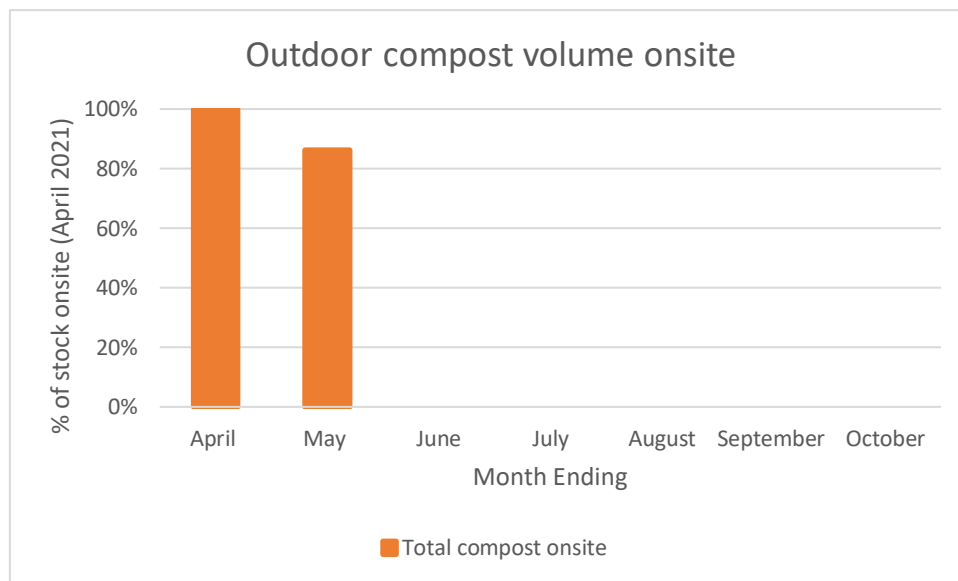
## 1. Stop receiving pre-consumer food organics.

Pre-consumer food organics have not been accepted at the Organics Processing Plant since 23 December 2020.

Date	Tonnes of pre-consumer food waste received
31/05/21 – 13/06/21	0

## 2. Minimise the onsite storage of finished compost by prioritising the screening and removal of finished product from the site.

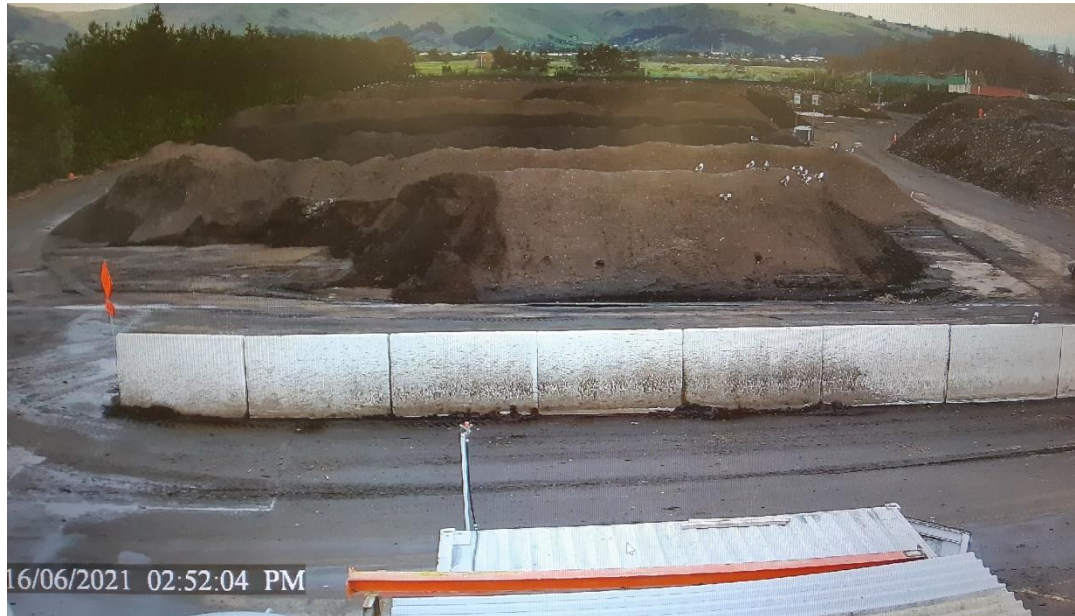
Living Earth is currently removing the majority of stockpiled material from the site. This process includes screening finished product and removing screened compost. Under the preferred scenario the only material onsite would then be maturing compost, which represents 30 to 50 percent of the current material onsite. In May over 6,000 tonnes of finished compost was removed from site, approximately a 14% of reduction in total compost onsite - see the graph below for monthly figures.



Due to the heavy rain experienced throughout Canterbury recently the ability to remove further finished compost from site has been significantly impacted. We are working hard to keep material moving but we do anticipate the weather will impact the tonnages leaving site in June.

3. Install a time-lapse camera so that residents can see the reduction in outdoor storage.

This camera has been installed and images are available from 14th June, see example below. In the coming weeks the site contractor will confirm the location and capture rate and produce a time-lapse, we will update this on the Council website when available and on a regular basis.



4. Maintain effective treatment of processing air, including maintenance of biofilter.

The biofilter media change has been completed. This reduces backpressure and improves the airflow in the composting tunnels. This media change will maintain biofilter performance until a further change is required. As part of the facility upgrades the composting tunnels aeration systems will be expanded and increased, this will in-turn require further upgrades or replacement of the biofilter.



## 5. Investigate additional buffering, including boundary plantings along the Southern site boundary.

Council are exploring whether additional plantings can be installed on the reserve adjacent to the composting facility. This will provide a further natural buffer around the composting facility. Staff have been working with the internal leasing team to designate the area that will be planted along with other considerations (such as fencing). Once confirmed this will require agreement with the lease holder.

## 6. Maximise stability of compost onsite.

Living Earth have reached an agreement with the supplier of required materials. A key piece of equipment, dosing pumps, have been ordered and necessary modifications to existing plant are underway. Living Earth expect to begin trials in early July.

## 7. Address community concerns and keep the community informed via regular community meetings and an information newsletter.

The Council continue to communicate with the community regularly via newsletters. A public meeting was held on 18 May 2021 with the next meeting scheduled for 17 August 2021.

## 8. Organics Plant Upgrade project update

The Council have committed to investing \$21.5 million into upgrading the organics processing plant. The upgrade project was approved in December 2020 and is currently in the procurement phase.

The final stage of the procurement process concludes on 22 June 2021, when potential suppliers will issue the Council their proposals. Following review, selection and contract negotiations we are looking to confirm the contractor for the project by the end of July 2021.

Once a contractor is confirmed we will have a clear understanding of the final upgrade design and expected timeframes for the required works. We will keep Environment Canterbury and the local community updated with developments.