

Transitional Plan Update #6 – Organics Processing Plant

9 August 2021 – 22 August 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.

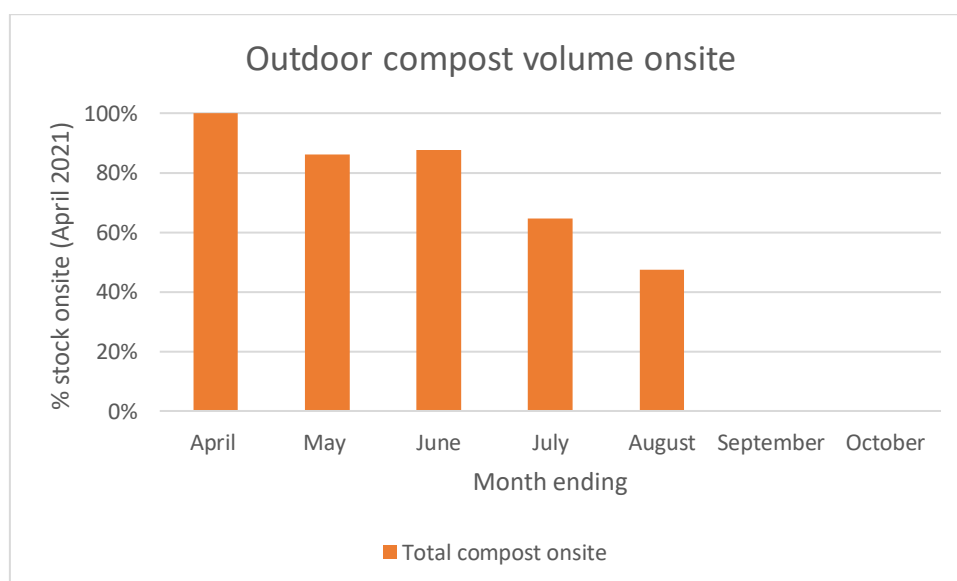
1. Stop receiving pre-consumer food organics.

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
14/06/21 – 27/06/21	0
28/06/21 – 11/07/21	0
12/07/21 – 25/07/21	0
26/07/21 – 08/08/21	0
09/08/21 – 22/08/21	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. Under the preferred scenario the only material onsite will be maturing compost, which represented about 50 per cent of the material onsite as of April 2021. As of end of 22 August 2021 the total material onsite had reduced by 53 per cent, shown in the graph below.



**Please note data for August is up to 22 August 2021, full details for the month of August will be available in time for the next update.*

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

This camera has been installed and we will upload the next time-lapse on our webpage along with this update. See below image from 18 May 2021 compared to 26 August 2021.

Before:



Now:



The windrows in the front of this image have been temporarily moved into this location for operational reasons.

3. Maintain effective treatment of processing air, including maintenance of bio filter.

As reported previously, the bio filter upgrade was completed in May 2021. Replacing the bio filter material reduces backpressure and helps improve airflow in the composting tunnels. Since these works were completed, the improved backpressure and airflow rates have been sustained.

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

We're looking at additional plantings in the reserve to the South of the composting facility, with the goal to provide an additional natural buffer around the site. This land is currently leased so we'll need to obtain agreement from the lease-holder prior to starting any planting. We hope to have this agreement soon following the end of Covid-19 restrictions. We have prepared a plan for the area in conjunction with our Parks Team, including the selection of appropriate species for planting.

5. Maximise stability of compost onsite.

Living Earth has initiated a trial of a probiotic additive to the compost. The trial is testing whether this amendment to the feedstock will accelerate the composting process. The trial started on 14 July 2021 and initial results look positive, but more data needs to be collected. The trial is continuing.

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

We are continuing to communicate with the community regularly via newsletters. A public meeting was held on 17 August 2021 with the next meeting scheduled for 16 November 2021. We are also looking at holding an additional meeting on 7 September 2021 ahead of the report scheduled to be considered by the elected Council in September.

7. Organics plant upgrade project update

Tender submissions have been received for the upgrade of the organics processing plant. All compliant submissions were over the allocated budget for the project. The elected Council will consider another report, looking at all potential options for the organics processing plant in September.

These options include refining the scope of the redevelopment and investigating other potential sites for a new organics processing facility. Other sites are being considered due to the higher than expected redevelopment costs.

The report will be considered by Council in private, given commercial sensitivities around contractor tenders and pricing. However we will release all the information we can prior to the report being considered by the Council and hold a public meeting on 7 September 2021.