

Organics Processing Plant Community Liaison Group Meeting

Agenda

6:30pm to 8pm, Tuesday 21st May 2024

Waitai Coastal-Burwood-Linwood Community Boardroom

180 Smith Street, Woolston, Christchurch 8062

Welcome to the Community Liaison Group (CLG), a community forum to discuss consent compliance for the Organics Processing Plant; discharging contaminants to air, discharging contaminants to water, and use of land to store organic matter and decaying organic matter.

Agenda

1. Welcome and introduction – Chair (5 minutes)
2. Confirm previous meeting's minutes – Chair (5 minutes)
3. Report back on actions from previous meeting – All (15 minutes)
 - Action 1:** Yani Johanson and Jackie Simons (CCC elected members) to look into Council's charges for refuse collection.
 - Action 2:** David McArdle (CCC staff) to provide a detailed list of progress milestones prior to or at the next CLG meeting – *Newsletter sent to Bromley mailing list 21 March 2024. Information included as part of CCC's report.*
 - Action 3** – Lynnette Ellis (CCC staff) and Johannes Welch (ECan staff) to clarify regarding the resource consent variation for truck movements – *Update from WMNZ;*
 - *Kate Valley Landfill operator Transwaste are using the compost being trucked there as a construction material. Transwaste blend the compost with material on site to form a topsoil for site rehabilitation.*
 - *Transwaste are consented for 21,000 waste trips per annum with no more than 550 trips per week. This limit is applied to waste trips only and construction related trips are not included in this figure.*
 - *Noting this limit was recently approved to be increased to this figure.*
 - *December 2023 to February 2024 averaged 1,454 waste trips per month. This provides an annual projection of 17,448 waste trips i.e. 83% of the limit.*
4. Affected resident's felt experience reports and questions arising (15 minutes)
5. CCC report, including Ōtautahi Organics Processing Solution update, and questions arising (10 minutes).
6. Living Earth answer any questions arising from their CLG report (10 minutes) **Note: The report will be taken as read.**
7. ECan answer questions arising from their CLG report (10 minutes) **Note: The report will be taken as read.**
8. Any further questions about resource consent compliant for the Organics Processing Plant (10 minutes)
9. General business (5 minutes)
10. Concluding remarks – Chair (5 minutes)

Attachments

- a. Previous CLG meeting minutes, Tuesday 12th December 2023
- b. CCC CLG meeting report, Tuesday 20th February 2024
- c. Living Earth CLG meeting report, Tuesday 20th February 2024
- d. ECan CLG meeting report, Tuesday 20th February 2024

Any questions or feedback can be sent to Bromley@ccc.govt.nz

Organics Processing Plant Community Liaison Group Meeting

Minutes

6:30pm to 8pm, Tuesday 20 February 2024

Waitai-Coastal-Burwood-Linwood Community Boardroom

180 Smith Street, Woolston, Christchurch 8062

1. Executive summary of minutes

Resolved actions from the previous meeting

Carol Anderson (community) raised that nobody from ECan had followed up with her about the black dust on her patio. Johannes Welch (ECan staff) offered to provide his card to Carol for her to follow up with him directly.

Carl suggested that the Terms of Reference for this group which were passed last year be retained for this coming period. All community members agreed.

Community in agreeance a reduction in odour from the Organics Processing Plant

Geoffrey King (community) tabled his odour report and commented that there has been less days of strong odour so far during February and he believes this to be due to wind patterns.

Carl asked other community members about their odour experience of late. Vickie Walker (community), Michael Walker (community) and Margaret MacPherson (community) all agreed the odour from the Organics Processing Plant (OPP) had not been as bad recently. Carol added the worst odour during this period has been from the CWTP. Carl summarised the odour had been less intense recently due to the wind direction and cited the clearing all material being stored outside at the Organics Processing Plant (OPP), referencing the drone photos of the clear site in CCC's report.

Organics Processing Plant site management

David McArdle (CCC staff) highlighted all screening stopped on site on 23rd December 2023 and all material outside has been cleared as of 13th January 2024. CCC commissioned external odour consultants Pattle Delmore Partners' *'Review of Interim Solution report'* which assessed the operation taking into account the recent significant operational changes and identified potential odour risks onsite. CCC and LE are working through mitigating these risks and added that the *'Small stockpile of old biofilter material'* had been removed from site.

Jaco explained the significant truck movements due to the clearing the site (20,000 tonnes of material removed from site during December), whilst managing the peak season for input volumes. This led to a spike in dust reporting, but Jaco confirmed the resource consent limit was not exceeded and they are expecting a decrease in truck movements going forward.

Jaco discussed that the compost recipe has been changed to not require tailings which has reduced volumes and therefore truck movements, and removed the requirement of tailings being stored on site.

Ecogas, the Organics Processing Facility in Hornby and looking forward

Lynette Ellis (CCC staff) confirmed there is a signed agreement in place between CCC and Ecogas and both parties are working through the next phase with the expectation the final documents to be signed in the next few months. Lynette reassured the community that the OPP will be moving, and she doesn't foresee any obstacles in finalising the contract.

Lynette shared that Jackie, Yani, David, Alec McNeil and representatives from the Hornby, Templeton and Prebbleton residents' associations went on a site visit to the Ecogas' processing facility in Reporoa and sorting and consolidation facility in Auckland. Jackie commented she has absolute confidence in the new facility, and expanded on areas including they do not produce compost and that the facility is fully enclosed. Yani added he was impressed by the sites and Ecogas' staff's transparency and openness to work with the local communities.

Yani suggested providing a note of the OPF key milestones to the CLG for them to see progress. This was recorded as an action for David who shared the following high-level milestones; 2024 design and consenting, 2025 construction and 2026 commissioning.

Resource consenting discussion with Environment Canterbury

This conversation covered CCC's resource consent with ECan for the OPP in Bromley, Waste Management's resource consent with Hurunui District Council for Kate Valley Landfill and Ecogas' planned resource consent with ECan for the Organics Processing Facility (OPF) in Hornby.

For the OPP, Johannes Welch (ECan staff) commented they have externally reviewed the OPP resource consent and confirmed the operation is within the current resource consent and no variation is required.

For the second stage processing at Kate Valley as part of the interim solution, Lynette and Johannes agreed to clarify consenting requirements for the next CLG.

For the OPF, Johannes shared that ECan has a significant interest in processing this resource consent within an appropriate timeframe once the application is received. Lynette added there's a large amount of work to be done before the application is lodged, and CCC and Ecogas are committed to moving this forward. Greg Brynes (ECan elected member) added that for the Hornby community we need to make sure we do not expedite the consent too quickly.

Greg shared with the group that he received an email from an ECan Director which stated ECan have issued a significant notice of non-compliance notice to CCC in response to odour issues at the CWTP for 23 November 2023 to now. Adding this action has happened as a result of the odour complaints.

Michael raised the new government's proposal for fast tracking resource consent resourcing. Lynette responded that we must operate within the current legislation.

Any questions or feedback can be sent to Bromley@ccc.govt.nz

2. Verbatim Minutes

Chair – Carl Pascoe

CCC staff – Lynette Ellis, Alec McNeil, David McArdle, Rory Crawford

CCC elected members – Yani Johanson, Jackie Simmons

Living Earth (LE) – Jaco Kleinhans, Victoria Henry

Environment Canterbury (ECan) staff – Johannes Welch, Sophie Harland

Environment Canterbury (ECan) elected members – Greg Byrnes,

Community – Andrew Walker, Bruce King, Carol Anderson, Geoffrey King, Margaret MacPherson, Michael Williams, Vickie Walker

Minutes – Beth Walsh

Apologies – Daniel O’Carroll (community), Katinka Visser (community), Paul McMahon (CCC elected member), Genevieve Robinson (ECan elected member), Vanessa Weenik (MP).

1. Welcome and Introduction

Carl Pascoe (Chair) – Introduced the meeting. Shared apologies for Daniel O’Carroll (community), Katinka Visser (community), Paul McMahon (CCC elected member), Genevieve Robinson (ECan elected member), Vanessa Weenik (MP).

Greg Byrnes (ECan elected member) requested his apology for the previous CLG meeting was noted. He was present at the meeting before it started but had to leave to attend a family event.

2. Confirm previous meeting’s minutes

Carl Pascoe (Chair) – Assumed confirmed.

3. Report back on actions from previous meeting

Action 1: Carl Pascoe’s (Chair) letter to ECan addressing points below;

- 1) CLG’s disappointment that ECan staff did not attend.
- 2) CLG’s request to expediate the resource consent variation process for the interim solution.
- 3) CLG’s preference the upcoming OPP resource consent review to be an open review with public input.
- 4) Nathan Doherty to follow up with Carol Anderson regarding the black dust on her patio, as discussed at the August CLG meeting.

Completed Wednesday 10 January 2024. Judith Earl-Goulet (ECan) replied Friday 12 January 2024 and invited the Chair to meet with her and Stephen Hall (Director of Operations, ECan).

Carl Pascoe (Chair) – Stephen and Judith acknowledged the CLG’s letter and asked how they may have a more effective contribution to the meeting going forward. Carl Pascoe (Chair) responded that some previous ECan representatives overused jargon and requested this be mitigated in future meetings.

Carol Anderson (community) - Stated that nobody from ECan has followed up with her about the black dust on her patio.

Johannes Welch (ECan staff) – Responded that ECan followed up previously, but the dust had been cleaned.

Carol Anderson (community) – Added that was 12 to 15 months ago and she was not happy.

Q. Carl Pascoe (Chair) – Requested someone from ECan give their card to Carol Anderson so she can follow up with them directly when the dust is there?

A. Johannes Welch, ECan – Confirmed he will give his card to Carol for this purpose.

Action 2: Lynette Ellis (CCC staff) to follow up on Katinka Visser’s (community) request for information on truck movements.

Completed. David McArdle (CCC staff) called Katinka to discuss on Tuesday 23 January 2024. Living Earth then provided the data to CCC and David called Katinka on Thursday 15 February 2024. Katinka did not answer, and a voicemail was left with the requested information.

David McArdle (CCC staff) – Added he will follow up with Katinka to ensure she has received the voicemail.

Action 3: Carl Pascoe (Chair) to send a formal invite to Vanessa Weenik (MP) to attend this meeting.

Completed Monday 22 January 2024. Vanessa responded the same day and said she would confirm if she can attend the February CLG as it is during a sitting week meaning she has had to request leave.

Carl Pascoe (Chair) – Added Vanessa contacted him yesterday with her apology as she was not granted leave to attend.

Action 4: David McArdle (CCC staff) to add Vanessa Weenik (MP) and Reuben Ferguson (MP) to the CCC Bromley mailing list.

Completed Friday 22 December 2023.

Action 5: David McArdle (CCC) to arrange OPP drone shoot before February CLG meeting.

Completed with drone shoots on Wednesday 17 January and Monday 12 February 2024. Images included in CCC report.

Action 6: Lynette Ellis (CCC) to contact Amy Davidson (CCC) for a Christchurch Wastewater Treatment Plant (CWTP) update for Vickie Walker (community).

Addressed with below action.

Action 7: David McArdle (CCC) to find relevant CCC staff CWTP contact for Vickie Walker.

Completed. Council staff member emailed Vickie Walker on Wednesday 24 January 2024.

Carl Pascoe, Chair - Suggests that the Terms of Reference for this group which were passed last year be retained for this coming period. All community members agree.

4. Resident lived experiences since last meeting including the Geoffrey King odour report (10 minutes)

Geoffrey King (community) – References his odour report for November 2023, December 2023 and January 2024.

There were 63 odour events in this 92-day period. In November there were seven days with six out of six odour. In December there were 11 days with six out of six odour. The odour on Christmas Day was four out of six. November had 23 out of 30 days with odour, December 23 out of 31 days and January 17 out of 31 days.

There haven't been many days of strong odour so far in February due to the wind patterns. However, this has meant the people in Lyttleton are instead getting the odour as experienced on a recent trip there.

Carl Pascoe (Chair) – Asked the other community members about their experience of the odour recently.

Bruce King (community) – I noticed the odour in the morning around 6am but in the last month or so the wind has been blowing it away from us. The plant still stinks.

Vickie Walker (community) – Agreed that the odour hadn't been as bad recently.

Michael Walker (community) – Also agreed it has not as bad recently and said he hasn't been doing as many 'Smelt-it' reports. Commented when the odour is present that it is not present for long.

Carol Anderson (community) – Commented the worst smell during this period has been from the CWTP ponds.

Margaret MacPherson (community) – Agreed that the odour hasn't been as bad recently. Added that Christmas Day's odour was pretty bad but January saw a huge improvement.

Michael Walker (community) – Agreed with Margaret that there has been an improvement. Would like to see evidence if this is due to the efforts of the CCC staff.

Carl Pascoe (Chair) – Summarised that the odour has been less intense recently because of the wind direction and possibly from the clearing of all outside material outside at the Organics Processing Plant (OPP). Referenced the drone shots included in the CCC report and asked if everyone had seen these.

Bruce King (community) – Referenced the drone photos. Commented to him it appears they have put up three metre square blocks on the site and you can't see what's going on there. Bruce visited the neighbouring EcoDrop transfer station site in January and saw the watering plant was in use at the OPP. He believes this could indicate that there are still windrows outside.

Q. Jaco Kleinhans (LE) – Asked Bruce if he was referring to the water misters?

A. Bruce King (community) – Bruce believed they were a different water system, more of a sprinkler type system. Added he could also see a conveyor belt system on the site.

Jaco Kleinhans (LE) – Commented there are a number of pieces of equipment on site that aren't in use or don't belong to them. Added they don't run the sprinklers anymore; they do run the water trucks in front of the processing hall for dust.

Q. Carl Pascoe (Chair) – Asked Bruce King if he would like to visit the site with Jaco to see the equipment he is referring to.

A. Bruce King (community) – Declined the offer of a site visit and commented he doesn't want to go near the OPP.

Jaco Kleinhans (LE) – Offered to meet Bruce in the green waste area and show him around the corner from there, if he does not want to visit the OPP.

Bruce King (community) – Declined Jaco's second offer.

5. Living Earth & CCC discuss current site management and suggested processes moving forward (10 minutes)

David McArdle (CCC staff) – Referenced CCC CLG report, (attachment b). Key events;

- 23rd December 2023: All screening stopped on site. Screening will not resume as part of the interim solution with partial processing at the OPP and secondary processing at another site.
- 13th January 2024: All outside material cleared. Photos from two drone shoots attached. Two shoots to show the progress with the removal of residual material.
- CCC commissioned external odour consultants Pattle Delmore Partners (PDP) to write their '*Review of Interim Solution report, Monday 12th February 2024*' (attachment e).
 - PDP have assessed the operation in the context of the recent significant changes and identified some potential odour risks onsite. CCC and LE are working through these risks to mitigate them going forward.
 - Specifically, the odour risk of the 'Small stockpile of old biofilter material' identified has been removed from site as of today.

Jaco Kleinhans (LE) – Referenced LE's OPP CLG report.

Stated there were significant truck movements during this period as they cleared the site. In addition, it was during the peak season in terms of volumes of input.

Commented there is still equipment onsite which has been relocated to the open area.

Discussed the spike in the dust reports being normal in the context of additional truck movements and the time of year. Clarified LE did not exceed their dust consent limit and that they are expecting a decrease in truck movements going forward.

For odour monitoring mentioned the one notice of non-compliance issued on 7th December 2023 and onsite odour monitoring is ongoing.

Regarding the operation, clarified the kerbside organics are being processed in the tunnels for a minimum of 14 days and then it is immediately loaded into trucks and taken offsite for further processing.

Victoria Henry (LE) – Clarified that the material doesn't go outside at all.

Jaco Kleinhans (LE) – Added Victoria and the team have made significant positive changes the compost recipe which allow for a reduction in the tailings required and a reduction in the associated truck movements. Explained no tailings are being stored on site and that green waste is pushed through from the transfer station, processed inside the OPP and then through the tunnels.

David McArdle (CCC staff) – Referenced point 8 in LE's report regarding on-site operations and that 20,000 tonnes of material has been removed from the site in December which could have possibly led to the Notice of Non-Compliance.

Jaco Kleinhans (LE) – Shared they averaged around six trucks a day for four days a week which is lower than initially forecasted.

Lynnette Ellis (CCC staff) – Clarified that is the routes the trucks take after they leave the plant.

Jaco Kleinhans (LE) – Added they go straight onto the highway. All the trucks and trailers are covered before they leave the site. The product we use has high cube movements which leads itself to better efficiencies and thus less truck movements.

Q. Carol Anderson (community) - When the green trucks pick up the bins and take it to LE what happens? How long do they stay they for?

A. Victoria Henry (LE) – We blend it and treat it to get the ratio right and it's processed in the tunnels for 14 days. They then go directly into trucks to be taken offsite.

Q. Vickie Walker (community) – Did you change the recipe to reduce the odour?

A. Victoria Henry (LE) – Yes and to give it more time in the tunnels.

Jaco Kleinhans (LE) – Victoria and the LE team have worked to process the materials without tailings which reduces the volume and thus the tunnel height. This improves air penetration and the processing of the product.

Lynnette Ellis (CCC staff) – Added that better air penetration reduces the risk of odour.

Q. Geoffrey King (community) - Odour from where?

A. Lynnette Ellis (CCC staff) – From an anaerobic situation.

David McArdle (CCC staff) – Commented that removing the tailings reduces a large part of the carbon which helps the balance of carbon and nitrogen and supports the composting process.

Jaco Kleinhans (LE staff) – Added that LE add green waste which was previously processed separately.

Q. Micheal Walker (community) – Do you have odour restrictions within the tunnels?

A. Victoria Henry (LE) – Yes, we assess odour whilst the tunnels are being unloaded but a tunnel needing to be put back in due to odour has not happened recently.

Micheal Walker (community) – Expressed concern for the health of the staff working in the tunnels.

Jaco Kleinhans (LE) – Reassured Michael that there is constant exposure monitoring and PPE requirements for all staff on site.

Q. Geoffrey King (community) – How often does WorkSafe visit?

A. Jaco Kleinhans (LE) – I'm not aware of them visiting during my time. We have a rigorous health and safety system and a good working relationship with WorkSafe.

Geoffrey King (community) – Visited the plant in December and commented the staff member present smelled strongly of odour.

Jaco Kleinhans (LE) – Responded he thought it was rude for Geoffrey to say that. Further explained LE offer full annual health screening of all staff and complete exposure monitoring on site. They enforce the use of PPE but commented they cannot control what materials are put into bins.

Q. Margaret McPherson (community) – Suggested this a good time to re-educate the public about recycling and compost. Thought there is a lack of education and in her opinion CCC are charging too much for dumping materials. People are dumping things as they can't afford to get rid of them.

A. David McArdle (CCC staff) – Responded there is a year-round CCC marketing campaign for focusing on education. CCC allows people to drop off hazardous material for free at the transfer stations.

Yani Johanson (CCC elected member) – Jackie Simons and I can pick this up as an action. We have raised it before as an action.

Carl Pascoe (Chair) – Summarised Margaret's comments that the community has an issue with the Council's rubbish charging system and Yani has offered to pick this up.

Action 1: *Yani Johanson and Jackie Simons to look into Council's charges for refuse collection.*

Q. Bruce King (community) – Has the odour watch system been repaired yet? Is the place running on negative pressure?

A. Jaco Kleinhans (LE) – No, the odour watch system is obsolete and no longer supported.

Q. Geoffrey King (community) – Why did we spend \$340,000 buying it?

Q. Bruce King (community) – Is the processing hall running on negative pressure yet?

A. Jaco Kleinhans (LE) – Yes. The doors are all closed except when the truck comes in.

Geoffrey King (community) – Claimed he has seen a line of five or six trucks there where the door is left open as they go in and out. He believes this isn't negative pressure and breaches clause 3.9 of the foundation document.

Carl Pascoe (Chair) – Summarised that there have been improvements in how the plant is operated. There is still an odour impact for residents which may be diminished but as only just over a month has passed since the outside material has been removed the group will get a better understanding of their impact in the next two to three months.

6. CCC answer questions arising from their CLG report (10 minutes) Note: The report will be taken as read.

Q. Vickie Walker (community) – Asked if the contract is signed for the Organics Processing Facility in Hornby?

A. Lynette Ellis (CCC staff) – Confirmed there is a signed agreement and that CCC are working through the next phase, and we expect to have the final documents signed in the next few months. Assured the community that the plant will be moving and doesn't see any obstacles in finalising the contract.

Jackie Simons (CCC elected member) – Added that Ecogas are very keen to get on board and get established.

Lynette Ellis (CCC staff) – Jackie Simmons, Yani Johanson, David McArdle, Alec McNeil and representatives from the Hornby, Templeton and Prebbleton residents' associations went on a site visit yesterday to the processing facility in Reporoa and sorting and consolidation facility in Auckland.

Jackie Simons (CCC elected member) – Following the site visit, stated that she has absolute confidence that the new facility is going to work. They don't produce compost, everything is enclosed, and they fuel glasshouses nearby. Expressed absolute confidence in Andrew, one of the founders of Ecogas.

Vickie Walker (community) – Expressed concern about the safety about the neighbouring community in the event of a gas explosion.

Jackie Simons (CCC elected member) – Assured Vickie she has confidence in the safety of the plant. Was impressed by the greenness of it. She spoke to a staff member there who was trained in Finland.

Geoffrey King (community) – Stated he has previously met that staff member at the Hornby meeting and he believes she doesn't know anything. Asked Jackie if she was at CCC when the guy from Ecogas said he was still learning? Why are we putting in a product that we're still learning about?

Jackie Simons (CCC elected member) – I've been to the site. We're all continuously learning.

Q. Geoffrey King (community) – Did they turn the machinery off when the Councillors visited?

A. Jackie Simons (CCC elected member) – No, it was all running.

Yani Johanson (CCC elected member) – Suggested it would be useful to get a more detailed presentation. Believes it's important for this group to get some key milestones to be able to see that progress is being achieved. The biggest issue in his view is the consent.

Lynette Ellis (CCC staff) – Responded that the consent is a question for Ecogas.

Yani Johanson (CCC elected member) – Added he was impressed with the people running the plant in Reporoa during the site visit. The attitude of the staff was one of transparency and openness to work with the local community.

Q. Carol Anderson (community) – Asked why can't the plant be put in somewhere less populated?

A. Jackie Simons (CCC elected member) – Answered it's far enough away from any residents to not cause an issue.

Lynette Ellis (CCC staff) – Explained it's completely different, it's not a composting plant. As per Yani's suggestion, David McArdle to provide a list of the key progress milestones to the next CLG meeting or before if possible so that progress can be tracked against them.

Action 2: David McArdle (CCC staff) to provide a detailed list of progress milestones prior to or at the next CLG meeting.

David McArdle (CCC staff) – Shared high-level milestones for the OPF;

- 2024 - Design and consenting
- 2025 - Construction
- 2026 - Commissioning

Lynette Ellis (CCC staff) – We will try to give more detailed breakdown of those milestones for the next CLG meeting.

Carl Pascoe (Chair) – To summarise, Yani Johanson commented on the transparent culture of Ecogas' present process and asks that this transparency be maintained going forward and into the transition. The delegation of community representatives that were taken on the site visit was helpful in this regard. In his opinion the event likely came about due to the good work to date of the community group at this meeting.

Micheal Walker (community) – We would like to see the progress of these key milestones so they can be tracked.

Carl Pascoe (Chair) – Commented in his experience of construction there is inevitably going to be some delays.

Lynette Ellis (CCC staff) – Added there is contingency built into the programme.

Yani Johanson (CCC elected member) – Another key difference is the other site is owned by a community trust. The entity is very community minded. They use relatively simple construction methodology which reduces the risk of delays.

Regarding the LE report, raised it states there was one Notice of Non-Compliance in December 2023 but there is a tick for yes to being compliant, is this an error?

Jaco Kleinhans (LE) – Confirmed that was an error.

8. ECan answer questions arising from their CLG report (10 minutes) Note: The report will be taken as read.

Carl Pascoe (Chair) – Raised the two requests that the CLG would like expressed to ECan from the last meeting. Firstly, to expedite the consent process for the interim solution. Secondly, the CLG's preference for the upcoming OPP resource consent review to be in a public arena.

Johannes Welch (ECan staff) – Responded experience of the community can be seen in our systems, the number of 'Smelt-it' reports increased in November and December 2023. Explained the report is split into Living Earth and the CWTP as there has been some challenges in the CWTP with the ponds and the seasonal effect. The 'Smelt-it' and calls we received clearly identified different odour profiles.

Assured Carol Anderson that he would like to personally follow up with her about the dust on her patio.

Stated ECan haven't received any resource consent variation applications for the OPP in Bromley.

Lynette Ellis (CCC staff) – Commented there are no plans to vary the resource consent at the OPP in Bromley.

David McArdle (CCC staff) – Clarified the community request was actually regarding their wish to expediate the resource consent application for the interim solution.

Q. Bruce King (community) - Was there a new resource consent required for the outdoor windrows?

A. Johannes Welch (ECan staff) – We had that externally reviewed and no resource consent variation is needed as all of the operation is within the current resource consent.

Carl Pascoe (Chair) – The other issue was the consenting around truck movements to Kate Valley Landfill.

Yani Johanson (CCC elected member) – Added that at a recent Council meeting, a Councillor read an email from an ECan staff member which suggested that there was a need for consent for the composting operation as well as the truck movements. The other concern is that once the consent has been applied for, is there a way we can try to meet the timeframe?

Lynette Ellis (CCC staff) – Responded with that is a question for Waste Management.

Carl Pascoe (Chair) – Clarified that the current changes to the OPP in Bromley do not require a resource consent variation. He then moved to the other issue of the new OPF consenting process and asked if this be expedited?

Johannes Welch (ECan staff) – Answered that ECan has a significant interest in this proceeding as fast as possible. He lives a few 100 metres from the future OPF site so I also have a personal interest. Assured everyone that ECan staff will treat this as a key project. It's hard to predict timeframes until we receive a resource consent application from Ecogas.

Q. Vickie Walker (community) – Questioned if Johannes was implying that CCC need to sign a contract before ECan can consent the new OPF?

A. Lynette Ellis (CCC staff) – Responded no and that there's is a large amount of work to be done before a resource consent application is lodged.

Greg Brynes (ECan elected member) – Added that we need to make sure we are not just passing something on the community in Hornby by expediting the consent too quickly.

Margaret MacPherson (community) – Added that we can't procrastinate, we have put up with this for 15 years. Referenced the car compacting site near the cemetery in Bromley – and said in her opinion there's always an excuse and she feels that nobody seems to care.

Q. Micheal Walker (community) – Asked if we know this was going to be a requirement, why are we only having this discussion now? Why don't we have a plan and assign tasks to people?

A. Lynette Ellis (CCC staff) – Responded that is exactly what we're doing now. The team have to do all the paperwork to lodge the resource consent application. Mentioned that the contract was only awarded in December 2023 so there hasn't been much time. Stated that CCC will give you a list of key milestones which

you can track through these meetings. Reassured the community that CCC and Ecogas are absolutely committed to moving this forward.

Greg Brynes (ECan elected member) – Shared with the group that he received an email today from a Director of ECan stating that ECan issued a significant non-compliance notice to CCC in response to ongoing odour issues at the CWTP for November 23rd 2023 up until now. A remedial plan was submitted on February 9th 2024 but the details were insufficient. ECan staff have met with CCC last week to allow for staff to be briefed. If no onsite mitigation or work towards reducing the odour eventuates then further enforcement action will be evaluated. Commented that this action has happened as a result of all of the odour complaints.

Q. Yani Johanson (CCC elected member) – Questioned the timeframe we gave the community for the interim solution was April 2024, if the resource consent variation hasn't been applied for yet how will this be achieved?

A. Lynette Ellis (CCC staff) – Clarified the resource consent variation for truck movements is not with ECan.

Greg Brynes (ECan elected member) – Add the information he has received verbally is that Kate Valley don't require a consent for composting.

Johannes Welch (ECan staff) – Suggested him and Lynette Ellis can get to the bottom of this and clarify at the next meeting.

Action 3 – *Lynette Ellis (CCC staff) and Johannes Welch (ECan) to clarify regarding the resource consent variation for truck movements.*

Q. Bruce King (community) – Asked who started the rumour that today will be the last CLG meeting?

A. A number of meeting participants stated that they are unaware of this rumour.

Carl Pascoe (Chair) – I understand that the CLG is a condition for the resource consent of the OPP in Bromley.

Q. Yani Johanson (CCC elected member) – Regarding the upcoming review in March, are ECan going to review the consent conditions?

A. Johannes Welch (ECan staff) – No. With all the recent changes on the site, it is operating within its resource consent.

Greg Brynes (ECan elected member) – Referenced the email he received today from an ECan Director which also states the consent will not be reviewed as the threshold for review has not been met.

Q. Michael Walker (community) - The new Government have proposed fast tracking for resource consent resourcing, would this project be eligible for this?

A. Johannes Welch (ECan staff) – I'm not aware of the criteria for this.

Lynette Ellis (CCC staff) – Commented that there has been a lot of talk about what is going to happen and not what has happened. We have to work under the current legislation.

Vickie Walker (community) – It would be good to know how to call on a Minister to fast track a consent if needed.

Carl Pascoe (Chair) – Suggests that Vickie Walker contact Vanessa Weenik, MP in relation to this as it's at a national government level.

Q. Geoffrey King (community) – There was strong odour on December 20th 2023 and a number of complaints were made to ECan. An ECan Officer attended the area four hours after the initial complaint was made, why does it take this long?

Q. Carl Pascoe (Chair) – What is your expectation in terms of response time?

A. Geoffrey King (community) – 15 to 20 minutes.

A. Lynette Ellis (CCC staff) – ECan's staffing resources may have been depleted at the time due to illness or the time of year.

Carl Pascoe (Chair) – Summarised that where ECan response times can be reduced to please endeavour to reduce them.

Q. Geoffrey King (community) – Stefanie Rixecker (ECan CEO) stated at the end of August 2023 that they had received advice in relation to the consent for the operation of the OPP but due to legal privilege we are unable to share that advice – where is that advice?

A. Lynette Ellis (CCC staff) – Johannes Welch shared that advice tonight that the OPP is operating within their consent.

Geoffrey King (community) – Believes they are not operating within their consent.

9. General business (5 minutes)

Carl Pascoe (Chair) – Opens the floor for all other questions or statements.

Q. Micheal Walker (community) – How has there been an industrial scrapyard opened next to the cemetery?

A. Carl Pascoe (Chair) – Suggested that these questions are not within the remit of the CLG and it would be more appropriate for Micheal Walker to speak to a local representative about planning issues.

10. Concluding remarks – Chair (5 minutes)

Carl Pascoe (Chair) – Concludes meeting.

Organics Processing Plant Community Liaison Group Meeting

CCC CLG meeting report

6:30pm to 8pm, Tuesday 21st May 2024

Waitai-Coastal-Burwood-Linwood Community Boardroom

180 Smith Street, Woolston, Christchurch 8062

Peak season solution update

As preparation to deliver the interim solution, WMNZ are continuing to deliver the peak season solution. The site remains clear with no material is being stored outside and no screening is being completed on site. All processing is being completed inside the processing hall.

As part of the peak season solution the compost is being used as a landfill capping material at Kate Valley. This use of the compost replaces the need to bring topsoil in for site rehabilitation and is a long-term requirement for Kate Valley. WMNZ have confirmed this operation is compliant with existing Kate Valley consent requirements.

WMNZ are implementing further infrastructure upgrades at Kate Valley in anticipation of the upcoming wetter seasons to ensure ongoing acceptance of compost.

Interim solution development

WMNZ have engaged an independent planner who have reviewed the existing Kate Valley consent and identified areas where variations are required. WMNZ are working through these with the Kate Valley consent holder and operator Transwaste Canterbury. WMNZ have engaged with the regulatory authorities.

Council staff have engaged an independent lawyer who have assist with the drafting of a standalone interim solution agreement. The first draft was provided to WMNZ on 11 April for review.

Organics Processing Facility in Hornby update

At the last CLG meeting, the community requested a timeline showing how the new Ōtautahi Christchurch Organics Processing Facility in Hornby will develop. A newsletter was sent to the Bromley mailing list on 21 March 2024 detailing the below;

- **December 2023** - The Council awards the contract for the new plant to Ecogas.
- **January to July 2024** - Preparation of design and consent application.
- **July 2024** - Resource consents lodged.
- **September to December 2024** - Tender for construction goes out.
- **February to November 2025** - Construction.
- **February to May 2026** - Equipment installed.
- **May 2026** - New facility commissioned.
- **June 2026** - New facility starts processing organics.
- **December 2026** - The new facility is fully operational.

Council staff hold regular project meetings with Ecogas to continue progress with this project.

Ecogas currently operates an anaerobic digestion plant in the North Island (pictured below). The new facility in Hornby will be a whole new type of plant – fully enclosed, in an area zoned for this type of work. All processing will be completed indoors, with controls in place to effectively manage and contain any odour from the waste. Further information can be found at <https://ccc.govt.nz/services/rubbish-and-recycling/organicsplant/organicsfacility/>





Living Earth's
Organics Processing Plant
Community Liaison Group Report

February 2024 to April 2024

Prepared by: Jaco Kleinhans

Victoria Henry

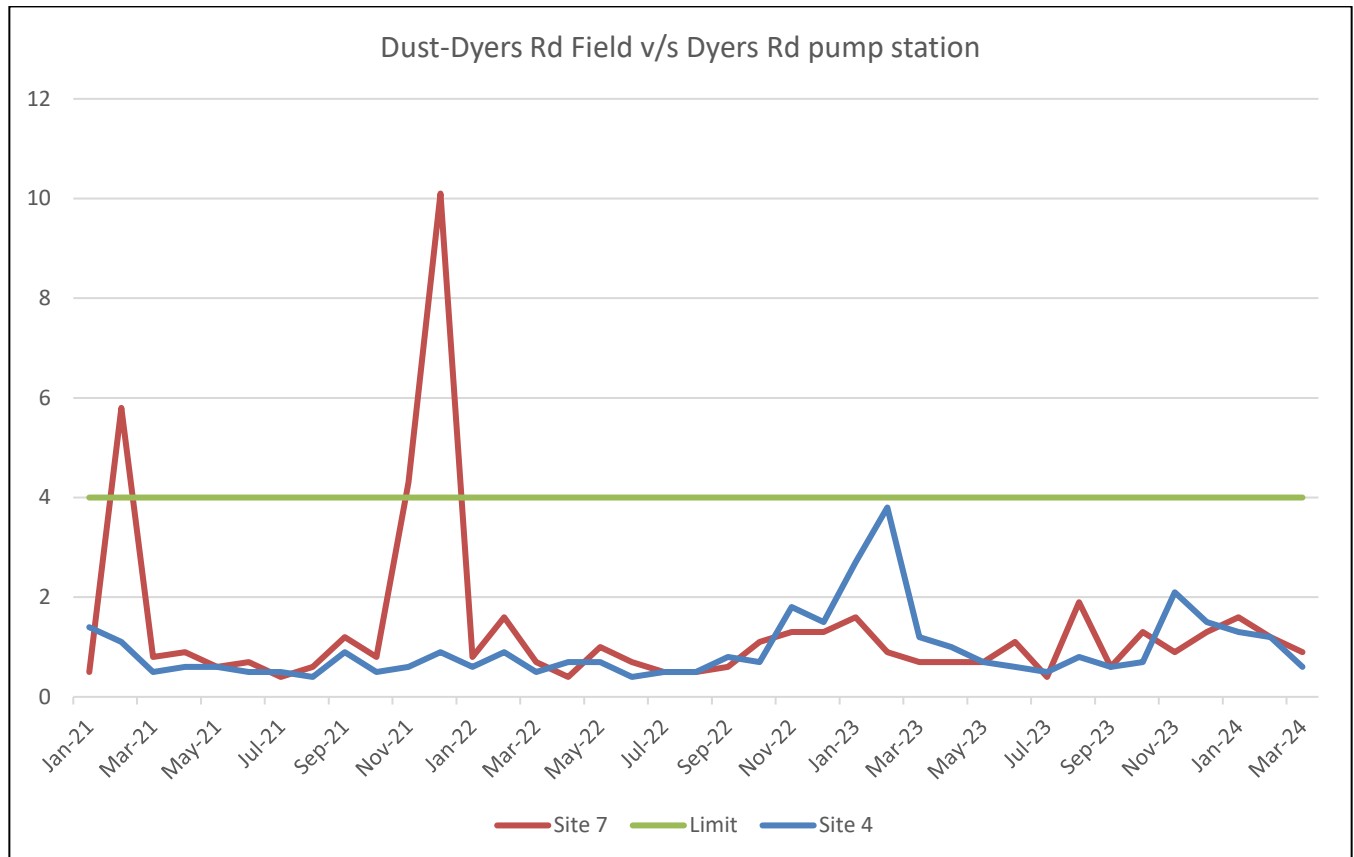
1 May 2024

The consent conditions of CRC 080301.1 are detailed in this report and comments are provided on the status. Key matters are discussed below:

Dust (c25)

No dust complaints received during this period.

We have two deposition gauges located along Dyers Road. One is situated in a field North of Metro Place (Site 4 (control), upwind of the Organics Processing Plant (OPP)) and the other is at the old pump station near the end of Maces Road (Site 7, downwind of the OPP and near the residential area of Bromley).



Offsite dust monitors 4 and 7 located along Dyers Road and downwind of the site.

Dust monitors located closer to the site boundary and on site remained well below the 4g/m²/30 consent limit for the period.

Dust control and monitoring procedures remain in place.

Boundary plantings (c25)

Clear buffer zone created and maintained on-site. Perimeter replacement trees planted and maintained.

Odour (c27/c14)

Ongoing site odour assessment conducted by staff with calibrated noses and proactive odour assessments completed by external odour consultant Pattle Delamore Partners.

Staff are conducting regular off-site odour assessments in the Bromley area.

Truck loading is happening directly outside the OPP with water misters operating.

On-site operations

1. KSO is processed in the tunnels for at least 14 days and then loaded into trucks and sent off site for further processing and screening.
2. We have made significant positive recipe changes resulting in lower overall output.
3. New recipe should reduce peak season risk.
4. No tailings produced or stored onsite.
5. All green waste is processed inside the OPP.
6. No material is stored, moved or screened onsite.
7. On average we cart 6 trucks loads, 4 days a week to move pasteurised product off site.
8. During this period (February to April 2024) we moved more than 10,000t of material off site.
9. Lots of work and progress has been made in building good relationships with multiple trucking companies to ensure we have priority and reliable service.

RMA Authorisation Number: **CRC 080301.1**

	Description	Compliance (Y/N)	Findings Comments & Problems
1	The discharges shall be only odour and dust from an organics processing plant and green waste composting facility located at 40 Metro Place, Bromley, Christchurch at map reference NZMS 260 M35: 8627-4087 and indicated as "Applicant's Site" on plan CRC080301A attached as part of this consent.	Yes	No discharge except odour and dust occurs from the facility other than storm and wastewater that are covered under different consents.
2	The organics processing plant shall process not more than 90,000 tonnes of organic material per year.	Yes	The plant operates under the set limit.
3	<p>The discharges of odour and dust shall only occur from the following sources:</p> <ul style="list-style-type: none"> a. From construction activities associated with the establishment of the organics processing plant; b. From an odour extraction system on the process building that discharges to air via biofilters; c. From composting of organic material in managed windrows; and d. From screening, blending, packaging and stockpiling of matured compost. 	Yes	<ul style="list-style-type: none"> a. n/a during this period b. The biofilter has been working with no issues. c. Activity was undertaken during this period. d. These activities have stopped.
	Construction of Organics Processing Plant		
4	<p>The consent holder shall provide to the Canterbury Regional Council a Construction Management Plan to be submitted for approval before commencement of the works on site that includes but is not limited to the following requirements:</p> <ul style="list-style-type: none"> a. Regular watering of dusty surfaces during dry windy conditions; b. Restricting traffic speed within the site to less than 15 kilometres per hour; c. Covering loads of excavated soil whenever visible dust occurs from this source; d. Locating stockpiles in areas that are less likely to be affected by prevailing winds and at least 50 metres from boundaries; and e. Stabilisation of exposed areas as soon as possible after work is completed. 	Yes	No construction during this period
	Organics Processing Plant		
5	The consent holder shall provide to the satisfaction of the Canterbury Regional Council a Facilities Operation Manual before operating the organics processing plant.	Yes	A copy was provided in 2012 as required under the consent.
6	<p>The material processed shall only include the following:</p> <ul style="list-style-type: none"> a. Green waste; b. Food waste; and c. River weed. 	Yes	No other items are accepted.
7	Organic waste containing putrescible material {food waste} shall be processed in a tunnel compost system contained within the process building.	Yes	All kerbside organics collection vehicles are emptied inside the processing hall and processed in the tunnels.

8	Organic waste not containing putrescible material may be composted in managed windrows.	Yes	This is no longer done.
	Tunnel Compost System		
9	The tunnel compost system shall consist of a process building, outdoor uncovered windrows and screening and stockpiling.	Yes	Tunnel system is the only process used.
10	The process building shall: <ul style="list-style-type: none"> a. House all receiving, shredding and blending of organic waste that is to be composted in the tunnel composting process; and b. Be operated under a negative pressure system with all discharges to air being treated via a biofilter. 	Yes	<ul style="list-style-type: none"> a. All receiving, shredding, and blending of materials is completed in the process hall before being loaded into tunnels. b. The negative pressure of the biofilter fan (tunnel exit) is typically maintained at -100Pa and monitored via a computer control system.
11	The incoming organic material shall be placed into the tunnel composting system on a daily basis within 24 hours of receipt.	Yes	This is completed. OPP operates on public holidays in line with the kerbside collection trucks. We are open and processing on all days that collection occurs.
12	The tunnel composting process shall have a duration of not less than seven days, which includes an allowance of up to half a day for tunnel emptying, cleaning and filling. During the tunnel composting process, the temperature of all the compost shall be maintained at greater than 55 degrees Celsius for a minimum of three continuous days or less at higher temperatures, so that pathogen destruction has occurred in compliance with New Zealand Composting Standard NZ4454. At the same time or after the tunnel composting process, the compost shall be aerobically treated for 14 days or longer, during which time the temperature must always be over 40 degrees Celsius and the average temperature must be higher than 45 degrees Celsius.	Yes	During this period typical time was 16 days in the tunnel.
13	Records shall be maintained showing compliance with Condition (12). Such records shall be available to Canterbury Regional Council on request.	Yes	Reports were recorded via a computer control system recording time and temperature.
14	The maturation composting stage shall be an uncovered windrow system that allows the process to meet Condition (27) of this consent.	Yes	This is no longer done at this site.
	Green waste Windrow Compost System		
15	Organic wastes not containing putrescibles are to be shredded, blended and formed into windrows within 24 hours of receipt.	Yes	All green waste is processed in the OPP.
16	Any organic waste which contains putrescible material is to be redirected into the tunnel composting system.	Yes	
17	Not more than 30,000 tonnes per annum of green waste shall be composted in full in the outdoors windrows.	Yes	
18	The uncovered windrows shall meet the following criteria: <ul style="list-style-type: none"> a. The windrow shall be maintained in an aerobic state throughout; and b. The state of the windrows shall be monitored for oxygen, temperature and moisture as follows (and records retained): 	Yes	We no longer have windrows, all these conditions are met within the tunnel composting system.

	<ul style="list-style-type: none"> a. Oxygen: Weekly for the first four weeks after the row is constructed and thereafter if the row is suspected of turning anaerobic; b. Temperature: Weekly; c. Moisture Content: Every second day 		
	Odour Extraction System – Organics Processing Plant		
19	The odour extraction system on the process building shall be designed by a person competent in this area of technology to industry best practices.	Yes	n/a during the period
20	The odour extraction system shall be of sufficient capacity to prevent any fugitive discharge of odours from the process building under all operating conditions.	Yes	n/a during the period
21	The discharge shall exhaust via a biofilter with an average loading of not greater than 80 cubic metres of air per hour per cubic metre of bed material	Yes	Biofilter size 20.7m x 42.5m size. Maximum airflow ex fan is 90,000m ³ /hr. If media is > 1.17m deep, then 80m ³ /hr/m ³ of media cannot be exceeded. Bed depth is typically 1.3 – 1.5m. fan speed typically <90% of max. The fan can be limited in the control system to maximum speed as required. Fan operation is measured, controlled, and monitored by a computer control system.
22	The odour extraction systems shall operate at all times during processing of raw materials or products.	Yes	Operates 24/7 and is monitored by a computer system.
23	<p>The bio filters shall be maintained in such a way as to effectively reduce odours from the organics processing plant so Condition (27) is met. This shall include but not be limited to:</p> <ul style="list-style-type: none"> a. Maintaining satisfactory moisture levels in the biofilter. b. Maintaining an appropriate pH range, typically 4 to 8. c. Maintain aerobic conditions at all times. d. Replace the biofilter media at an appropriate time, determined when any of the above operating parameters, odour levels, or, airflow backpressure are unable to be maintained within their operating limits. 	Yes	<ul style="list-style-type: none"> a. Moisture tested for the period is 61% b. pH recorded in for this period 6.3 c. Oxygen levels >20% d. Back pressure monitored for bed media condition.
	Dust Control		
24	<p>The consent holder shall implement the following measures to minimise the generation and discharge of dust:</p> <ul style="list-style-type: none"> a. Use water sprays with any mechanical handling of compost when conditions are likely to generate dust. b. Provide an impervious base to all outdoor composting areas. c. Limit the height and slope of outdoor piles to less than five metres in height. d. Bulk carriers removing material from site shall be covered. e. Use water tankers and/or sprinklers to dampen down areas of heavy vehicle access when wind speed exceeds five metres per second (five-minute average) during dry conditions. 	Yes	<ul style="list-style-type: none"> a. Mistlers and water trucks are used b. Site is asphalt sealed c. No piles outside d. Monitored on-site, data reported each minute. e. The asphalt is watered and swept regularly to remove any residual debris.

	<p>f. Suspend all product load-out and windrow turning operations during dry conditions when the wind speed measured by the on-site meteorological station, blowing from between 10 degrees and 130 degrees, exceeds 10 metres per second for two consecutive five-minute averages. Recommencement of load-out and windrow turning operations may occur if recorded wind speeds from that sector are less than 10 metres per second for two consecutive five minute averages.</p>		
25	<p>a. Within 12 months of this consent coming into effect the consent holder shall establish and maintain suitable tree windbreaks around all areas where compost is stored.</p> <p>b. Notwithstanding condition 25(a), a further line of tree shelter shall be established along the boundary with Affordable Storage Limited and the boundary with Dogwatch Sanctuary Trust, to fill in gaps in the existing tree shelter plantings where establishment or growth has been poor such that a continuous shelter belt more than 1.8 metres high has not been formed. These additional shelter trees shall be planted within six months of commencement of the change to conditions. All shelter trees shall have a minimum height of 1.8 metres and shall be maintained and irrigated until they reach a height of at least five metres. Any dead, diseased or damaged trees shall be replaced immediately. The trees shall be protected from the prevailing wind during at least the initial three years of establishment of the trees by wind cloth fencing or similar in order to optimise tree growth.</p> <p>c. A plan showing planting and landscaping works to be undertaken to comply with Condition 25(b) shall be prepared by a suitably qualified person and shall be submitted to the Canterbury Regional Council within three months of commencement of the change to conditions.</p>	Yes	The open area is regularly cleaned.
26	<p>On-site vehicle speeds in the outside windrow, compost storage and compost screening areas shall be restricted to not more than 15 kilometres per hour. A sign, capable of being read at a distance of five metres, shall be erected at the main vehicle entrance to the outside storage area to inform all drivers of this requirement.</p>	Yes	Signs in place, all drivers, and contractors inducted with specific mention made of consent compliance.
27	<p>The discharges to air shall not cause odour or dust which is offensive or objectionable beyond the boundary of the site on which this consent is exercised.</p>	Yes	One Notice of non-compliance was issued during this period (7 th December 2023).
28	<p>Notwithstanding Conditions 24 and 27, all product load-out, heavy vehicle operation and windrow turning activities shall cease at any time when these activities cause visible suspended particulate matter beyond the western site boundary, including at properties occupied by Affordable Storage Limited, Dogwatch Sanctuary Trust or their successors.</p>	Yes	Monitored daily. No outside operations significantly reduce risk, and area is lined with water cannons and misters.
29	<p>The consent holder shall maintain records of any odour or dust complaints received by the consent holder. These records shall include:</p> <p>a. Location of complainant when odour or dust was detected;</p> <p>b. Date and time of odour or dust detection;</p> <p>c. Weather conditions, including wind direction, at the composting facility when odour or dust was detected;</p> <p>d. Strength of the odour complained of, assessed on a scale of 1 to 5 by the complainant with the following rating system: 1 odour noticeable but not persistent; 2 odour clear and persistent; 3</p>	Yes	Complaints made to Environment Canterbury are recorded by Environment Canterbury.

	<p>odour unpleasant and persistent; 4 odour strong, offensive and persistent; 5 odour very strong and offensive.</p> <p>e. The amount of dust complained of, assessed on a description of the visible quantities and extent of dust deposits on a scale of 1 to 5 by the complainant with the following rating system: 1 noticeable and not extensive; 2 clear and minor coverage; 3 nuisance and moderate coverage; 4 objectionable and extensive coverage; 5 significant extensive deposits, offensive. A description of the appearance of the dust shall also be recorded;</p> <p>f. Any possible cause for the odour or dust complained of; and</p> <p>g. Any corrective action taken.</p> <p>Records demonstrating compliance with the above condition shall be provided to the Canterbury Regional Council on request and shall be summarised as part of the Annual Environmental Report required under Condition 36.</p>		
	Monitoring		
30	<p>The consent holder shall undertake site-boundary odour assessments at least once per day, in a manner consistent with Work Instruction WI30 Issue 6, dated 1 September 2010, submitted with the application, or an equivalent later document. These assessments shall occur at no fewer than eight locations around the site boundary, including at least one location downwind of the composting tunnels and the maturation windrows. In the event of strong odours being detected, that may create adverse effects beyond the site boundary, then the consent holder shall take all practicable efforts to mitigate the odour using measures that may include the use of masking agents, capping the source, and returning odorous material to the tunnels. Records shall be kept that include the date and time of the assessment, meteorological parameters at the time, odour descriptions and odour intensities at each monitoring location. Staff members responsible for these assessments shall have calibrated noses, determined by suitably qualified persons at an accredited laboratory. These staff members shall be recalibrated for odour sensitivity at least once every three years.</p>	Yes	Completed.
31	<p>The consent holder shall, prior to unloading a tunnel, undertake an odour assessment of the compost material, in a manner consistent with Work Instruction WI4 Issue 6, dated 1 September 2010, submitted with the application, or an equivalent later document. In the event of strong odours being detected, that may create adverse effects beyond the site boundary, then the consent holder shall return the assessed material to the tunnel and shall not empty the tunnel until it has been determined that the material is no longer odorous to the point where it may create an adverse effect beyond the site boundary. Staff members responsible for these assessments shall have calibrated noses, determined by suitably qualified persons at an accredited laboratory. These staff members shall be recalibrated for odour sensitivity at least once every three years.</p>	Yes	Odour assessments are completed on a continuous basis when tunnels are being emptied.
32	<p>a. At all times during exercise of this consent, wind speed and wind direction shall be measured by an anemometer established on the site.</p> <p>b. The anemometer shall be installed at a height of at least five metres above ground level at a location free from any obstruction that has potential to significantly affect wind flow.</p>	Yes	Weather station located on site.

	<p>c. Wind speed resolution of measurement shall be not more than 0.1 metres per second and wind speed accuracy of measurement shall be at least within +/-0.2 metres per second.</p> <p>d. The anemometer shall be established, located and operated to the satisfaction of the Canterbury Regional Council.</p> <p>e. Wind speed and direction shall be continuously recorded with an averaging time for each parameter of not more than five minutes.</p> <p>f. These data shall be:</p> <p>(i) recorded using an electronic data logging system; and</p> <p>(ii) provided to the Canterbury Regional Council upon request.</p>		
33	<p>a. Dust deposition monitoring shall occur in at least two dust gauges sited near to the boundary with Affordable Storage Limited or successor and the boundary with Dogwatch Sanctuary Trust or successor and at least one further control dust gauge. The location of the dust deposition gauges shall be determined by a suitably qualified person and shall be provided in writing to the Canterbury Regional Council. The method of monitoring shall be ISO DIS-4222.2 or a similar method to the satisfaction of the Canterbury Regional Council. Samples shall be collected monthly and the monitoring results shall be included and summarised in the Annual Environmental Report required under Condition 36.</p> <p>b. Dust control measures shall be implemented to maintain the rate of dust deposition at the consent holder's boundary, measured in accordance with Condition 33(a), at less than 4g/m²/30 days above the background concentration measured at the control site. Any exceedance of this trigger level shall be reported to the Canterbury Regional Council, including the likely reasons for exceedance and any remedial action undertaken.</p>	Yes	A total of eight dust gauges are used as controls (2), onsite (3) and offsite (3). Offsite gauges are in the immediate neighboring properties, and these are used to monitor compliance against this consent.
	Management Plan		
34	<p>(a) The consent holder shall prepare and implement an Environmental Management Plan (EMP) that addresses the control of discharges to air from the site.</p> <p>(b) The EMP shall be prepared and provided to the Canterbury Regional Council: attention: RMA Compliance and Enforcement Manager, within three months of the granting of this consent variation and within one month of the completion of annual reviews.</p> <p>(c) The EMP shall be reviewed annually.</p> <p>(d) The EMP and any revisions shall include all measures necessary to achieve compliance with the conditions of this consent.</p> <p>(e) The EMP shall include, but not be limited to:</p> <p>a. A description of the dust and odour sources on-site;</p> <p>b. The methods to be used for controlling dust and odour at each source;</p> <p>c. A description of consent and monitoring requirements;</p> <p>d. A system of training for employees and contractors to make them aware of the requirements of the EMP; and</p>	Yes	

	e. Identifying staff responsible for implementing and reviewing the EMP.		
	Community Liaison Group		
35	<p>a. Within one month of the commencement of the change of conditions, the consent holder shall invite local residents and interested people to attend a meeting to establish a Community Liaison Group. The invitation to attend and establish a Community Liaison Group shall be extended to include:</p> <p>(i) all property owners and occupiers with boundaries adjoining, or but for the presence of roads, with boundaries immediately next to the site; and</p> <p>(ii) all parties who made a submission on the application to change consent conditions.</p> <p>b. A representative of the consent holder shall attend all meetings of the Community Liaison Group. The Canterbury Regional Council shall be invited to send a representative to attend all meetings.</p> <p>c. The consent holder shall ensure that members of the Community Liaison Group are provided with the opportunity and facilities to meet at least once every three months.</p> <p>d. The main purposes of the Community Liaison Group shall be to:</p> <p>a. Identify and address any adverse effects of discharges to air from the site, including possible remedial action; and</p> <p>b. Discuss the results of all monitoring and reporting required under this consent.</p>	Yes	Ongoing Community Liaison Group meetings are held as required, including this meeting.
	Reporting		
36	The consent holder shall, no later than the 30 th of June of each year, provide an Annual Environmental Report to the Canterbury Regional Council setting out all monitoring and reporting results required by conditions of consent and their interpretation by an appropriately qualified person, including dust deposition monitoring and complaints recording undertaken in relation to this consent over the previous period. Where the result of any test or monitoring undertaken in relation to this consent exceeds the relevant limit/trigger level or does not comply with the relevant condition, then the steps that were taken to rectify the non-compliance shall be specified.	Yes	
	Administration		
37	This consent shall not be exercised concurrently with CRC930514.	Yes	
38	<p>The Canterbury Regional Council may annually, on or about the last working day of March each year, serve notice of its intention to review the conditions of this consent for the purposes of:</p> <p>a. Dealing with any adverse effect on the environment which may arise from the exercise of the consent; or</p> <p>b. Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment; or</p> <p>c. Complying with the requirements of an operative regional plan.</p>	Yes	

Environment Canterbury Odour and Dust Report 01 Feb 2024 – 30 April 2024

Prepared on 1st of May 2024 for the Community Liaison Group Meeting 21st May 2024

Living Earth odour monitoring

During the reporting period there were 36 Smelt-Its received that included a compost type odour in the community of Bromley. As a result of the Smelt-Its, Environment Canterbury created 8 pollution events related to Living Earth. Where we receive multiple reports within a confined time frame, we attribute these to a singular pollution event.

The average response time was 10 minutes.

Additionally, 5 in-field odour assessments for Living Earth were carried out. These assessments were conducted both in response to reports of compost-type odour and during proactive odour monitoring.

Odour from Living Earth was not substantiated beyond the property boundary on any of these assessments.

Compliance Monitoring of Living Earth CRC080301.1

We reported in February 2024 that we had undertaken a site visit to Living Earth in December 2023, and identified multiple external air pipes on the processing hall building that were not adequately sealed. A follow up site inspection was undertaken on the 29th of February 2024 to assess if the unsealed air pipes had been repaired. Whilst the initially unsealed air pipes had been repaired, we identified during this inspection that two new air pipes were not adequately sealed. Living Earth agreed to repair these air pipes and provided images of the repaired air pipes on the 12th of March 2024. We now consider this issue resolved.

We will continue to monitor the consent regularly.

Other Odour Monitoring in the Bromley Community

Environment Canterbury staff continue to monitor odour emitters in the Bromley community as a matter of priority. As the situation evolves, so too does our response focus.

During the period, Environment Canterbury:

- Received 276 reports of odour received via Smelt It, Snap Send Solve, Email and phone calls (with attributes across all manner of odour within Bromley)
- Attended 49 site visits in the community and spent approximately 45 hours responding to reports of odour and conducting proactive monitoring

More information can be found on the [Odour Monitoring in Bromley](#) webpage and the [CCC page on the WTPP](#).

We will be making changes to the Smelt It app so that odour characteristics can more accurately be applied and filtered. We can update on these changes at the next CLG.

We have recently updated our website to include all odour monitoring in the Bromley community. This page is updated monthly and includes graphs that explain the breakdown of incidents and outcomes in terms of odour type.

Bromley Reporting Area

The data used in this report relates to incidents received within the Bromley area, as outlined by the pink area in the map below. For consistency of reporting, only Smelt Its within the pink boundary are considered.

