

Organics Processing Plant Community Liaison Group Meeting

Agenda

6:30pm to 8pm, Tuesday 19th November 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: Living Earth to provide update at November CLG on annual biofilter assessment.

Living Earth have addressed this in their CLG report.

Action 2: Greg Brynes (ECan elected member) to convey to ECan staff that no one is under threat the CLG meeting.

Reminder emailed to ECan staff with August CLG minutes on Monday 16th September 2024.

Action 3: Yani Johanson (CCC elected member) requested ECan for the reporting of complaints in their CLG report provide the time, date and complaint itself.

ECan will address this in their ECan report.

Action 4: CCC staff to update November CLG on community engagement plans for future use of Bromley OPP site.

CCC have addressed this in their CLG report.

4. Affected resident's felt experience reports and questions arising (10 minutes)
5. Christchurch City Council (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. Environment Canterbury (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*)
11. An opportunity for residents to discuss other matters with the Community Board (*5 minutes*)

Attachments

- a. Previous CLG meeting minutes, Tuesday 29th August 2024
- b. CCC CLG meeting report, Tuesday 19th November 2024
- c. Living Earth CLG meeting report, Tuesday 19th November 2024
- d. ECan CLG meeting report, Tuesday 19th November 2024

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

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Minutes

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180 Smith Street, Woolston, Christchurch 8062

Executive summary of minutes

Reporting back on previous meetings actions

All actions addressed with the below action coming out.

Action 1: *Living Earth to provide update at November CLG on annual biofilter assessment.*

Environment Canterbury staff apologies and statement to be struck from previous minutes

Carl Pascoe (Chair) shared written apologies from Environment Canterbury (ECan) staff for the Community Liaison Group (CLG) meeting. ECan staff advised that they were instructed by management not to attend as it was considered a health and safety issue. The reason for this was a statement recorded in the previous meeting minutes which noted Geoffrey King (community) stated the Chief Executive of ECan “*should be put down*”.

A number of meeting participants didn't hear or recall Geoffrey King making this comment. Geoffrey refuted making the alleged statement. The group agreed that as Geoffrey contested the statement, and it wasn't heard by anyone present it should be struck from the previous minutes.

Carl Pascoe (chair) later asked Greg Byrnes (ECan elected member) to convey to ECan staff that no one is under threat at the CLG meeting and reiterated that the meeting should be a respectful forum for discussion.

Action 2: *Greg Brynes (ECan elected member) to convey to ECan staff that no one is under threat the CLG meeting.*

Discussion around ECan's reporting on complaint responses

In response to ECan's report, Yani Johanson (Christchurch City Council (CCC) elected member) noted that it was disappointing that ECan have only provided the average callout response time to all complaints rather than the response time to each individual complaint. This information was useful when it was provided previously as they were able to cross reference it against other events that may have been taking place at this time. It would also show if there had been a breakdown in responding to after hours or weekend complaints.

The group agreed that they would like ECan to provide data in relation to the time, date and response time of each individual complaint. ECan to action this for the next meeting.

Action 3: *Yani Johanson (CCC elected member) requested ECan for the reporting of complaints in their CLG report provide the time, date and complaint itself.*

Discussion about the Ōtautahi Organics Processing Facility update and consents

Alec McNeil (CCC staff) explained the Hornby Organics Processing Facility's planned opening of December 2026 is on track and the consent application has been lodged. The company has a milestone of February 2025 for the consent to be granted.

Bruce King (community) asked how a construction tender can be progressed by Ecogas without the outcome of the consent application being known. Alec McNeil (CCC staff) clarified that companies can still progress with the tender for construction procurement without knowing the final refinements of a consent application.

Community in agreement about a reduction odour from the Organics Processing Plant

Geoffrey King (community) tabled his odour report and noted there had been less days of strong odour. Carl Pascoe (Chair) asked other members of the community what their experience of the odour has been since the last meeting. Jackie Simmons (CCC elected member), Geoffrey King (community), Carol Anderson (community) and Paul McMahon (CCC elected member) agreed there have been a reduction in the frequency and strength of odour occurrences.

Geoffrey King (community) will send his odour report data to David McArdle (CCC staff) each month. Geoffrey will include the dates and odour rating so the CCC can correlate these against the other data sets like the Smelt-It app, the Pattle Delamore Partners (PDP) report and the daily operations of the Organics Processing Plant (OPP).

Living Earth's OPP update, boundary plantings and future use of site

Jaco Kleinhans (Living Earth (LE)) advised that there were no dust complaints in the period and monitoring continued to trend below the limit.

Bruce King (community) asked about the boundary planting and whether LE were maintaining this at the OPP as per the original consent plan. Jaco Kleinhans clarified that they are replacing planting and that CCC's Heritage team now also use the site so LE are no longer responsible for all the plantings. Carl Pascoe (Chair) advised that the community would like clarification on whether the original planting plans are being maintained and the plans for the future use of the site.

Carl Pascoe (Chair) added that the community would like assurances from the CCC that they are going to proactively engage with the Bromley community so that similar mistakes aren't made. Lynette Ellis (CCC staff) advised that they are in the process of planning this and will provide and update at the next meeting.

Action 4: CCC staff to update November CLG on community engagement plans for future use of Bromley OPP site.

Tania Seward (community) statement

Tania Seward (community) contacted the Chair prior to the meeting and asked to read a statement. Tania owns a property in Bromley and reads the minutes of the CLG meetings. She had previously voiced concerns about the inappropriate behaviour of participants at the meetings via correspondence to the Chair, Yani Johanson and local media. As she felt her concerns were not adequately addressed then, she had no other choice but to attend the meeting and read her statement so that this behaviour could be called out.

Verbatim Minutes

Chair – Carl Pascoe

CCC staff – Lynette Ellis, Alec McNeil, Rory Crawford, Tayla Smith

CCC elected members – Yani Johanson, Jackie Simmons, Paul McMahon

LE – Jaco Kleinhans

ECan elected members – Greg Byrnes

Community – Bruce King, Carol Anderson, Geoffrey King, Nick Plimmer, Tania Haglund, Tania Seward

Minutes – Beth Walsh

Apologies – David McArdle (CCC staff), ECan staff

1. Welcome and Introduction

Carl Pascoe (Chair) – Opened the meeting. Advised that he received a written apology from ECan staff that they won't be attending this meeting because of the statement recorded in the minutes of the previous meeting by Geoffrey King (community) that the CE of ECan "*should be put down*". They consider this a health and safety issue for their staff. Added that ECan are not required to be here by the consent conditions.

Greg Byrnes (ECan elected member) – Advised that he would like to point out that although he is not ECan staff, he is in attendance.

Carl Pascoe (Chair) – Advised that while he appreciates this, Greg is not ECan staff. Added that we should keep our views to ourselves about the reason for ECan's non-attendance.

Geoffrey King (community) – Commented a discussion should happen as in The Commissioner advised in 2011 that the purpose of the CLG meetings was for ECan and CCC staff to discuss the problems the community have been having for 15 years. Added that he is sick of the crap that comes from ECan and CCC.

Carl Pascoe (Chair) – Advised there is no need to shout as he is simply conveying the correspondence ECan have provided to the meeting.

Bruce King (community) – Commented it should be noted in the minutes that the absence of ECan reflects their effectiveness for the last 15 years.

Greg Byrnes (ECan elected member) – Advised he didn't recall hearing the comment in question at the previous meeting but respects that ECan staff have a process and a duty of care to staff. Pointed out that despite this, he is present and has the ECan report that would have been tabled anyway.

2. Confirm previous meeting's minutes

Carl Pascoe (Chair) – Asked if any edits to the previous minutes were required.

Paul McMahon (CCC elected member) – Pointed out that there is a statement from the previous minutes that is a matter of contention.

Q. Bruce King (community) – What page of the minutes?

A. Alec McNeil (CCC staff) – Page 14, paragraph 2.

Carl Pascoe (Chair) – Noted it states the comment was made by Geoffrey King (community).

Geoffrey King (community) – Advised he said the CE of ECan was useless but not that she should be put down.

Bruce King (community) – Added he didn't recall the comment and he was sitting next to Geoffrey King.

Carl Pascoe (Chair) – Asked the group to settle down. Asked Geoffrey King (community) if he would like it to be withdrawn from the minutes.

Geoffrey King (community) – Clarified he has regularly said she is useless but never that she needs to be put down.

Carl Pascoe (Chair) – Summarised that it is Geoffrey King's view that he never said the comment and other people in the meeting either did not recall or hear it and so the sentence should be struck from the record. Added that a person's competency in a role is an acceptable thing to comment on but had he heard such a statement he would have said it wasn't acceptable.

Asked the group if they happy with that amendment to the minutes.

Community - Agreed.

Carl Pascoe (Chair) – Added that it's important that people aren't threatened in this meeting. There have been instances of robust discussion and finger pointing previously but the CLG tries to avoid this as it's not acceptable.

Paul McMahon (CCC elected member) – Added that disagreements should be respectful, and any arguments should have the goal of trying to solve a problem. CCC have spent a long time not solving problems so now we should try.

Carl Pascoe (Chair) – Supported this view and thinks the group is making progress in this respect.

Geoffrey King (community) – Advised that last February Bruce King (community) asked ECan a question which they had not answered. Since then, they have sent a different staff member to each meeting. Expressed that ECan has a chairperson that has breached the law. ECan are not a democracy, they sit there like Statler and Waldorf, one goes to sleep at the meetings, it's shocking.

Greg Byrnes (ECan elected member) – Reminded the group that Sophie Harland (ECan staff) who attended the last meeting is ECAN's single contact but was on maternity leave recently. Added she would have been in attendance tonight but was instructed by her team leader not to attend. She has provided everything needed by the meeting.

Geoffrey King (Community) – Added there was a gentleman from ECan that was here in February who was asked a question by Bruce King and he hasn't been at the meeting since.

Bruce King (community) – Questioned the rationale for the CCC employing a security guard to be present tonight if that wasn't enough to curtail the threat of violence.

Carl Pascoe (Chair) – Expressed that in his time as Chair there hasn't been any physical threats to anyone.

Bruce King (community) – Commented that his wife was previously threatened by a staff member that used to work at the CCC. They stood over her at the meeting and gave her a hard time. As a result, she no longer attends these meetings.

Carl Pascoe (Chair) – Advised that he's sorry this happened and it's not acceptable.

Bruce King (community) – Added that it was lucky that he didn't hear that staff member threatening his wife or there would have been violence that day.

Geoffrey King (community) – Commented that they have been abused and bullied as they never get an answer from the CCC or ECan.

Carl Pascoe (Chair) – Acknowledged Geoffrey's frustrations and that he has expressed them at every CLG meeting for the last number of years. There was however progress made at the last meeting.

Geoffrey King (community) – Responded that was rubbish and they're just shifting the plant to Hornby.

Q. Tania Seward (community) – Asked if the group could return to the agenda.

A. Carl Pascoe (Chair) – Responded that he is trying to get the meeting back to the agenda.

Q. Bruce King (community) – If we can't discuss more general topics here then when will we ever get to discuss them?

A. Carl Pascoe (Chair) – Agreed with Bruce's sentiment but the group has agreed its terms of reference. It will endeavour to stick to meeting rules. Understood that residents have had a particular frustration with ECan and the inaction of the CCC for many years. However, there has been an acknowledgement that things have improved recently.

Bruce King (community) – Agreed that currently the CCC are the best they're ever been to talk to.

Carol Anderson (community) – Commented it's notable there are at least two couples that have stopped coming to these meetings, presumably because they are fed up. This is sad as they had some valid points.

Carl Pascoe (Chair) – Summarised that that the minutes have been amended by the striking of the statement in contention and the previous minutes have been approved.

3. Report back on actions from previous meeting

(May) Action 1: Yani Johanson (CCC elected member) will investigate how the refuse station gate fees compare with the rest of the country and if there is any ability for this being reduced.

Yani Johanson (CCC elected member) – Advised he is interested in organising non-organics clean-ups in the community. CCC are progressing a non-organics clean up trial with the University of Canterbury. The key concern is making it easier for people to clean up material that's been left on the roadside that's hard to dump. The concern about the gate fees was that it was a barrier for people getting rid of rubbish.

Carl Pascoe (Chair) – Commented that this topic has started to stray into the CLG's discussions which is outside of its terms of reference. There is now time allotted at the end of the agenda for further discussion.

(May) Action 2: Lynette Ellis (CCC staff) will provide information to the Community Board around the refuse station gate fees and requirements.

Actioned with this agenda.

(May) Action 3: Carl Pascoe (Chair) will build time into future agendas so a discussion can be held in the last five minutes, for any other issues that individuals would like to discuss with the community board.

Actioned on this agenda.

(May) Action 4: Alec McNeil and David McArdle (CCC staff) to find a solution to arrange an audit for the biofilter.

Alec McNeil (CCC staff) – Advised that the annual process for the biofilter is to have it assessed by Tonkin & Taylor and a report generated. with the assessment considers parameters such as the PH, back pressure, etc. If these parameters change it's a sign that the biofilter media (bark) may need to be changed. The assessment is currently ongoing and so they will be able to give an update on that at the next meeting.

Action 1: Living Earth to provide update at November CLG on annual biofilter assessment.

(May) Action 5: David McArdle (CCC staff) to update the CCC OPP webpage with regards to the interim solution and the progress that has been made. Focusing on consistency with the language used.

Completed 22nd May 2024 <https://ccc.govt.nz/services/rubbish-and-recycling/organicsplant>

Alec McNeil (CCC staff) – Noted the website has been updated.

(May) Action 6: Victoria Henry (LE) as part of LE's CLG report going forward to include a summary of the biofilter performance including data on the variables measured.

Actioned with LE's CLG report for this meeting.

(May) Action 7: Sophie Harland (ECAN staff) will update the group at the next CLG of changes that are being made to the Smelt-It App to more accurately capture the odour profiles.

Actioned with ECAN's CLG report for this meeting.

(May) Action 8: Sophie Harland (ECAN staff) will look into the response data to help the group understand time from the first call to the first assistance and a breakdown of afterhours complaints being investigated.

Actioned with ECAN's CLG report for this meeting.

Yani Johanson (CCC elected member) – Commented it was disappointing ECan have still only provided the average response times in this update. It's useful to know if a call takes 20 minutes or an hour for someone to attend. This information was previously provided. There have also been issues with ECan not attending after hours, at the weekend and on public holidays. Added that ECan's reporting was inadequate.

Carl Pascoe (Chair) – Clarified that Yani is seeking information about the response time to each individual complaint.

Yani Johanson (CCC elected member) – Agreed as previously when they were given this information, they were able to cross reference it against other works that may have been taking place, for example in the road corridor which may have actually been the source of the odour in that instance.

It's also particularly important to the community to have this information as ECan took so long to respond to the complaints for so many years.

Bruce King (community) – Added that when ECan used to receive complaints they would tell LE so the issue could be rectified before they attended the complaint. In addition, if they received a number of complaints in 20 minutes they would class this as one complaint and so there has been some fiddling of statistics.

Commented he's been to all CLG meetings except for three. ECan have been pulling the wool over the community's eyes.

Geoffrey King (community) – Added they used to turn off the fans.

Yani Johanson (CCC elected member) – Summarised they would like more transparency around the complaints and the response times.

Q. Carl Pascoe (Chair) – Would you like this information by event?

A. Yani Johanson (CCC elected member) – Responded that time, date and the complaint are necessary. Not the event because one event could have 20 complaints.

A. Carl Pascoe (Chair) – Asks if everyone is clear and in agreeance with this request.

A. Community – Agreed.

Action 1: *Yani Johanson (CCC elected member) requested for the reporting of complaints in their CLG report, ECan provide the time, date and complaint itself.*

Q. Paul McMahon (CCC elected member) – Asked if the information would be discoverable from ECan under an official information (OI) [request].

Bruce King (community) – Advised he was still trying to get one from ECan from three years ago.

Geoffrey King (community) – Added it's called ECan't.

Greg Byrnes (ECan elected member) – Advised he didn't want to sit here and listen to that.

Carl Pascoe (Chair) – Advised that that was enough.

Tania Seward (community) – Suggested that if Bruce King hadn't received a response to his OIA request, he should check he's using the local government OIA request system. Added he should then contact the ombudsman if he hasn't received a response.

Bruce King (community) – Commented he has done all that.

Q. Tania Seward (community) – What was the response?

A. Bruce King (community) – The CCC had to have a major inquiry.

(May) Action 9: David McArdle (CCC staff) to look into ECAN Consent Monitoring Report history, specifically regarding Condition 10 of CRC080301.1.

ECan reviewed all previous compliance monitoring reports issued for Living Earth and confirmed on Thursday 20th June no previous reports of non-compliance for Condition 10 (below) of CRC080301.1 (Discharge to Air).

10. The process building shall: 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.

Alec McNeil (CCC staff) – Advised there has been no non-compliance against Condition 10 from ECan.

(May) Action 10: David McArdle (CCC staff) to supply the operating schedule of the OPP.

Alec McNeil (CCC staff) – Jaco will talk to this when he gives his report regarding the truck movements on site and what the operation currently looks like.

(May) Action 11: David McArdle (CCC staff) to confirm final amounts budgeted in the LTP for the additional costs for the Bromley/Hornby sites changeover period.

We are continuing to manage this complex transition from both an operational and financial perspective to deliver an improved organics processing solution for Christchurch and the wider Canterbury region.

We are currently assuming the new Organics Processing Facility (OPF) in Hornby will be fully commissioned by December 2026. We are aiming to ensure there is a smooth transition between the existing Organics Processing Plant in Bromley and the new OPF over a six-month commissioning phase.

Our current financial modelling suggest that this transition will peak at approximately \$2 million in 2026/27, and these costs will then decline in 2027/28 due to the transition to the new OPF. These transitional costs will not impact on rates as they are offset by other non-rateable funding sources.

Alec McNeil (CCC staff) – Advised there is an allocation in the CCC’s budget to cover this period. For at least the first 6 months there’ll be two operations running. Bromley will be continuing and the Hornby site will be coming up to full speed.

Q. Bruce King (community) – Asked if it’s on track to be commissioned by December 2026.

A. Alec McNeil (CCC staff) – Yes. The consent has been submitted. The company has a milestone of February 2025 for the consent to be granted.

Q. Geoffrey King (community) – What does the consent say about odour at Hornby?

A. Alec McNeil (CCC staff) – What consent?

Q. Geoffrey King (community) – I thought you said the consent had been granted.

A. Alec McNeil (CCC staff) – No, the consent applications have been lodged.

Q. Geoffrey King (community) – So is there any point in going ahead with it unless the consent is given?

A. Alec McNeil (CCC staff) – In the project plan for the December 2026 opening date, we have an allowance of February 2025 for the consent to be granted.

Q. Geoffrey King (community) – How are you going to control the odour?

A. Alec McNeil (CCC staff) – Responded it has been set out by the company in their application which is on ECan’s website. It states all operational activities are in fully enclosed buildings which have an air exchange system. The main difference is that the Bromley operation had large operational element done outside with compost maturing. In this operation they won’t be making compost.

Q. Geoffrey King (community) – Is there odour?

A. Alec McNeil (CCC staff) – Yes, but it’s all within an enclosed building.

Lynette Ellis (CCC staff) – Suggested to Geoffrey he should read the consent on the website.

Geoffrey King (community) – Added the woman who worked for Ecogas said there was odour.

Carl Pascoe (Chair) – Advised The Hornby OPF and its consent are not part of this group's scope.

Geoffrey King (community) – Commented the subject was brought up. The experts went on their free holiday to Reporoa and said there was no odour. However, Councillor Mark Peters stated there was odour near the building but not on the boundaries.

Carl Pascoe (Chair) – Advised Geoffrey that that was enough.

Geoffrey King (community) – Added you can go 100 metres north or east of this plant and you don't smell anything but here you can.

Carl Pascoe (Chair) – Advised the group are not discussing the Hornby OPF, the focus of this meeting is the Bromley plant closure. Added the consent application has been lodged.

Geoffrey King (community) – Commented that they're moving the problems from Bromley to Hornby.

Carl Pascoe (Chair) – Advised that Geoffrey's concerns about another community are not the business of this meeting. If he doesn't hold to that I will shut down the meeting. Added there are people present who want to see that the promise about the plant closure is realised.

Since Lynette Ellis (CCC staff) has come on board, the CCC have honoured their promises and have mitigated any adverse impacts in the transition period. Added he appreciates that prior to that it was difficult to get any traction with the CCC but there has been a change since then.

4. Affected resident's felt experience reports and questions arising (10 minutes)

Geoffrey King (community) – Referenced his odour report for the OPP for the last 3 months.

May: 11/31 days had odour. Of these the strength was 2 days at 5/6, 1 day at 4/6 and 8 days at 3/6.

June: 12/30 days had odour. Of these the strength was 2 days at 5/6, 3 at 4/6 and 7 at 3/6.

July: 13/31 days had odour. Of these the strength was 1 day at 5/6, 3 at 4/6, 9 at 3/6.

Q. Carl Pascoe (Chair) – What is your summary of this, is it better than it was?

A. Jackie Simmons (CCC elected member) – Responded that it's definitely better.

Carl Pascoe (Chair) – Commented Michael Williams (community) made a point at the last meeting that it would be useful to correlate Geoffrey's data, the Smelt-It app data and data from the operation of the plant. Asked Geoffrey to send this data to the CCC.

Alec McNeil (CCC staff) – Suggested that Geoffrey sends it monthly to David McArdle (CCC staff) and include the dates. It can then be compared to the Smelt it app and the PDP report.

Geoffrey King (community) – Added that there's been a lot of northwesterners recently.

Carl Pascoe (Chair) – Advised that the purpose of correlating the data is to check factors like this. It would be useful if the felt experience of residents is as valuable as any other data sets.

Geoffrey King (community) – Advised that the reason he started collecting this data in 2015 or 2016 was because he was tired of the lies and deceit of those telling him there was no odour.

Carl Pascoe (Chair) – Confirmed that they're now at a point where Geoffrey's data is regarded as valid.

Geoffrey King (community) – Added he doesn't bother ringing in complaints anymore as it's useless. The afterhours don't know what you're talking about and ECan don't bother going out.

Carl Pascoe (Chair) – Opened the floor for all the residents to share their experience of the odour over the last three months.

Bruce King (community) – Noticed you can smell it close to the plant more regularly. You can also smell the sewage plant more frequently which can be confusing for people reporting odours. It's not as bad as it was. Added that he has also given up ringing to report it as the staff don't know what he's talking about. Smelt-It doesn't always work so has also given up using that.

Carol Anderson (community) – Comments she doesn't smell it as much before. There have been a few days of odour. Agreed with Bruce King that if you drive down certain roads the odour is quite strong.

Tania Seward (community) – Advised she doesn't live locally so can't comment.

Paul McMahan (CCC elected member) – Added as someone who frequents Bromley often, he hasn't smelt any odour in the last month. In the last three months he has smelt it twice and hasn't smelt OPP recently.

Carl Pascoe (Chair) – Summarised that there's been an improvement but there's still some odour.

Q. Geoffrey King (community) – ECan monitor the odour but may say it doesn't meet the threshold for an offensive odour. Who are they to say if it's offensive?

A. Carl Pascoe (Chair) – I can't answer that, and I don't think there's anyone here who can.

Geoffrey King (community) – Added that's ECan's excuse to not do anything. They set the tune for the CCC to abide by. They have a clause which says if the offense is proven there can be a fine of up to \$600,000 and \$10,000 each day thereafter. It's rubbish.

5. CCC report, including Ōtautahi Organics Processing Solution update, and questions arising (10 minutes).

Alec McNeil (CCC staff) – As was discussed, the Hornby application is on track. Paul McMahon (CCC elected member) and Jackie Simmons (CCC elected member) visited the Bromley OPP site a month ago to see the operation. At this stage the operation at the Bromley OPP plant is quite consistent.

Paul McMahon (CCC elected member) – Commented it was great to see that there's not much activity happening on the site. There is only one area of the building where you can smell the odour.

Jackie Simmons (CCC elected member) – Agreed as she had a similar experience onsite to Paul.

Q. Yani Johanson (CCC elected member) – Asked for clarity as the CCC website states they are still waiting for payment in terms of processing the consent.

A. Alec McNeil (CCC staff) – Advised it was a standard message but it was addressed yesterday. That was an internal CCC issue, they have paid.

Q. Yani Johanson (CCC elected member) – Does ECan have 20 working days to decide about whether to notify?

A. Alec McNeil (CCC staff) – Yes, they could extend this period and ask for more information if they wanted to.

Q. Yani Johanson (CCC elected member) – I'm trying to get the timeframes for the consent process through CCC so people can clearly see how it's progressing as it's confusing on the website.

A. Lynette Ellis (CCC staff) – The best and most up to date information is on the website.

Q. Bruce King (community) – It says in the timetable that the construction tender goes out from September to December but they are not expecting to have permission to build it until February. How can they put out a construction tender without the constraints of the construction?

A. Alec McNeil (CCC staff) – The company can still progress with the tender for procurement without knowing the final refinements in response to the consent application. Explained that some of the required equipment has a long lead in time.

A. Lynette Ellis (CCC staff) – It's not CCC putting out that tender it's Ecogas.

Q. Bruce King (community) – I know but how can they put it out without knowing what the constraints are going to be?

A. Lynette Ellis (CCC staff) – You can put out conditional tenders and the tenderers know that.

A. Alec McNeil (CCC staff) – They get a lot of the work done and they can confirm the finer detail once they know what the consent is.

6. Living Earth answer any questions arising from their CLG report (10 minutes)

Jaco Kleinhans (LE) – Advised the reporting is still trending below the limit of 4g/m²/30 days. The dust monitors are maintained onsite, there are two controls and we just relocated a dust monitor inside.

Regarding the onsite operation currently, all the kerbside organics are processed in the tunnels for around 14 days. This material is loaded into trucks and brought to Kate Valley Landfill.

After the tunnel compost process, 60% of the original volume remains. We no longer reuse the tailings as was done in the past. This reduces the amount of material that's being processed in the plant which has been a big change. We anticipate that the movements in the next peak period will be drastically reduced compared to the last peak period.

Currently there are 7 trucks a day, three days a week, this may go to four days a week as the season turns. We have built up a good relationship with a number of trucking companies over the last few months.

There was a breakdown of an electronic biofilter fan controller on the 28th July and it was immediately replaced as the supplier had one in stock.

Q. Carol Anderson (community) – You mentioned the tailings aren't being used now, what happens?

A. Jaco Kleinhans (LE) – It all goes to Kate Valley now.

Q. Carol Anderson (community) – The only time I smell odour is on Monday when the bins are collected.

Q. Jaco Kleinhans (LE) – Are you smelling the bins themselves?

A. Carol Anderson (community) – No, it's after they have been collected.

A. Jaco Kleinhans (LE) – The first trucks arrive back at the plant around midday. This happens every day, not just on a Monday. You could be smelling the trucks.

Q. Bruce King (community) – With regards to the tree planting on the boundary of the OPP – are you planting as per the original plan that was submitted to ECan?

A. Jaco Kleinhans (LE) – We are replacing them.

Bruce King (community) – Advised there are plenty of gaps as the trees that have been missing for years haven't been replaced. Would like to see it returned to the original plan as there's going to be machinery stored onsite soon that we will omit grass related odours. The trees would mitigate this.

Alec McNeil (CCC staff) – Clarified that to his knowledge Parks aren't going to be using the site.

Q. Carl Pascoe (Chair) – Asked Bruce if he would like to know the future plans for the site.

A. Bruce King (community) – No, just wanted clarity on if whether the trees that had died years ago had been replaced to the original planting plan as there is still many gaps present.

Carl Pascoe (Chair) – Suggested that the CCC should provide some clarity on the future use of the site.

Tania Seward (community) – Suggested that if the many of the plantings associated with the original planting plan had died, perhaps this plan should be reviewed.

Jaco Kleinhans (LE) – Advised he was aware of a plan a few years ago to do more planting at a later phase. The plan was created for a scenario where there would be material stored outside on the site which is no longer the case. A section of the site has also now been handed over to CCC for alternative use.

Q. Paul McMahon (CCC elected member) – Does Heritage use the site for storage?

A. Jaco Kleinhans (LE) – Yes, and so many trees surrounding the site now have nothing to do with the OPP.

Bruce King (community) – Added he isn't aware of any new consent for that planting so the site should be maintained to the original consent.

Carl Pascoe (Chair) – Summarised that the community want some assurances that the future use of the Bromley OPP site will be better than the current one.

Carol Anderson (community) – Agreed they would like some clarity.

Alec McNeil (CCC staff) – Advised they will give an update at the next meeting what this process of community engagement will look like.

Carl Pascoe (Chair) – Summarised that the CCC has learned from this experience to engage early with the community. Suggests that CCC should implement this principle onto the next stage of development on the Bromley OPP site.

Lynette Ellis (CCC staff) – Confirmed that Alec McNeil is in the process of that now and it will be confirmed as will be part of the next update.

Action 4: *CCC staff to update November CLG on community engagement plans for future use of Bromley OPP site.*

Bruce King (community) – Reiterated that at present there's a consent about the plantings at the OPP that's not being complied with. The plantings would help mitigate any potential odours.

Carl Pascoe (Chair) – Advised that Bruce has made his point. We will request this as well as the update from CCC about their community engagement plans for the next stages on the Bromley OPP.

7. ECan answer questions arising from their CLG report (10 minutes)

Greg Byrnes (ECan elected member) – Advised that he had a valuable meeting with Craig Pauling the Deputy Chair of ECan, Bruce King and Geoffrey King. Craig is the ECan Councillor for Hornby so is dealing with similar issues around quarrying, etc.

Commented that he had nothing to add to the report but has taken extensive notes during the meeting for anything related to ECan.

Added when he was on site during the summer the material that was being spread was too green and there was no way anything was going to grow on that [referring to the compost from the Bromley OPP applied to the Wastewater Treatment Paddocks between May 2021 and June 2023]. Agreed that a review of the planting plan is a good idea.

If anyone has any questions for ECan, added he will follow up with staff before the next meeting.

Bruce King (community) – Commented about the compost, advised he had never seen compost on top of sand form lakes when it's wet. The water should be able to go straight through the compost.

Greg Byrnes (ECan elected member) – Advised he had experience he did a horticultural apprenticeship with CCC. Agreed the compost was too green and it had too much animal protein which made the odour horrendous when the weather was warm. It was a stupid idea [again referring to the compost from the Bromley OPP applied to the Wastewater Treatment Paddocks between May 2021 and June 2023].

Carl Pascoe (Chair) – Asked Greg Byrnes (ECan elected member) to convey to the ECan staff that no one is under threat at this meeting.

Greg Byrnes (ECan elected member) – Advised that he spoke to Sophie Harland (ECan staff) prior to the meeting. He didn't want to speak on her behalf but felt confident she didn't feel threatened and did not recall hearing the alleged comment. If there is a situation of a perceived threat, she can only do what she is told by the people she reports to. From an operational viewpoint, sometimes it appears to be overkill but you're damned if you do and damned if you don't. There is some comfort for everyone in having a security guard present.

Carl Pascoe (Chair) – Commented that it's his opinion the behaviour at tonight's meeting has been much better.

8. Any further questions about resource consent compliant for the Organics Processing Plant (10 minutes)

Yani Johanson (CCC elected member) – Noted that ECan have extended their consenting application time frame from 20 to 40 working days for the Hornby OPF. We've been told the notification will be on the 10th of September. Would like some assurance and confirmation that this is being prioritised and they are working to the 10th of September timeframe. When looking at the timeframes, the one thing that's missing is when the resort consent will be decided, i.e. either notified or committed to.

Greg Byrnes (ECan elected member) – Advised that it is a matter of priority as ECan's Deputy Chair is now involved.

Q. Geoffrey King (community) – Will Ecogas be taking rubbish from Timaru, Omaru and the West Coast too?

A. Lynette Ellis (CCC staff) – They will be taking green waste; they are a commercial activity.

A. Alec McNeil (CCC staff) – Advised the main inputs to the site currently are from CCC and there is also an element of commercial activity. The facility is designed so that it has the capacity to take more council waste but that is a decision for each council. It could potentially come from other surrounding Canterbury councils feeding into it but there will be a cost cut off when the traveling distance reached a certain point that made it too expensive.

9. General business (5 minutes)

Carl Pascoe (Chair) – Advised that Tania Seward (community) had contacted him prior to the meeting and asked to make a statement in the general business section.

Tania Seward (community) – Advised she had prepared a statement that she would like to read in full and would appreciate if any comments are left until the end.

My husband Andrew and I own a property in Bromley. We have owned it for 11 years and we lived there until June 2021 when we moved to Wellington for work. We receive the minutes of this meeting so we can pass the relevant updates onto our tenants who currently occupy our home and also so we can retain a sense of connection to the place we still consider our home.

I have flown down from Wellington to be here tonight. I have done that because I saw no other way to address the concerns about the behaviour of some members of the community who attend these meetings.

Two years ago, I raised my concerns about the racist, derogatory remarks being made at these meetings. I CC'd my comments to the Council, local media and Yani Johanson. I requested that the email, dated 30th of November 2022 be raised at the next meeting as incoming correspondence that could be discussed. That did not happen, nor did I get a response from Yani. I will forward you that email and I would appreciate a response.

They say the standard of behaviour you walk past is the standard of behaviour you accept. I do not accept for a moment that threats of violence, derogatory comments about a person's skin colour, intellectual ability or ethnicity is the standard of behaviour that this community should hold itself to.

It is a privilege, not a right to have this level of access to our elected members and the staff of the various agencies around the table. Especially those who turn up here to month after month, meeting after meeting in the face of the vitriol that has been minuted over the last few years. I have read some of the comments directed in your direction and they are appalling.

On the 30th of July this year, the Council cancelled a planned public information session on the wastewater treatment plant because “the wellbeing of attendees and council staff is our priority”. I cannot help but think that the behaviour that has been apparent in these meetings has influenced that decision, thus depriving other community residents of the opportunity to hear valuable information in a public forum. As we know, not everyone is on the internet, not everyone has email, not everyone has a website or social media. Face to face interaction is really important.

You tell me at the start of tonight that you have meeting operation rules that you try and stick to. I have seen evidence to the contrary this evening. You interrupt, you yell, you ignore the Chair when he tries to move the meeting to start the agenda. You laugh when health and safety is mentioned as a rationale for people not attending meetings but then you admit that residents have stopped attending meetings because they feel unsafe. Frankly if this was a good meeting, I’m not confident that I would want to attend a bad one.

My family were so concerned about my safety tonight that they asked me not to attend. Tania and Nick are here tonight to support me in case things went downhill. I really hope that their fears were unfounded because being one of the few people who calls out bad behaviour in a public meeting like this on the record is a very vulnerable position to be in.

For those of you whose behaviour I have called out tonight who are sitting here feeling a bit awkward or called out, it’s very easy to get in your car or on your bike and head down the road and passionately share your views at a meeting like this. It is a lot harder to reflect on your behaviour and consider whether you are a good representative of the Bromley community, and whether to be frank you are a good human being. Until that happens this remains an unsafe place. Your actions and your behaviour threaten the long term viability of community meetings like this across Christchurch.

No reira, tena koutou, tena koutou, tena tatou katoa. Thank you.

Carl Pascoe (Chair) – Thanked Tania for her statement. Advised that in big meetings he also chaired, they created a “5 minute soap box” approach which enabled people to make statements which are listened to respectfully. They don’t start a major debate about them. Acknowledged that Tania has made her points clearly and thanked her for having the courage to turn up because quite frankly New Zealand communities can be quite staunch in how they talk to one another. Sometimes this can be dangerously so. Added that if anyone has any issues that you want to raise with Tania please feel free to do so directly.

Concluded the meeting.

Organics Processing Plant Community Liaison Group Meeting

CCC CLG meeting report

6:30pm to 8pm, Tuesday 19th September 2024

Waitai-Coastal-Burwood-Linwood Community Boardroom

180 Smith Street, Woolston, Christchurch 8062

Interim solution at the Organics Processing Plant in Bromley update

The site remains clear with compost continuing to be transported to Kate Valley Landfill to be used as a landfill capping material.

Pattle Delamore Partner's proactive Living Earth odour monitoring reports update

Council's external environment experts Pattle Delamore Partners (PDP) continue to conduct their proactive odour monitoring of Living Earth and produce reports on their findings. Since the last CLG, PDP have written three reports which cover from Thursday 1st August to Thursday 31st October 2024. These reports include twelve dates of odour monitoring and on all these dates no compost odour was detected in the Bromley residential area.

All of PDP's proactive reports can be found on Council's OPP webpage under "Odour monitoring reports" <https://ccc.govt.nz/services/rubbish-and-recycling/organicsplant/>

Future solution at the Organics Processing Facility in Hornby update

Delivery date	Project milestone	Update	Completed
December 2023	Contract award	Completed	December 2023
January to July 2024	Preparation of design and consent application	Completed	June 2024
July 2024	Resource consents lodged	Completed	July 2024
September to December 2024	Construction tender goes out	<i>Initial stages underway</i>	
February to November 2025	Construction		
February to May 2026	Equipment installed		
May 2026	Commissioned		
June 2026	Starts processing organics		
December 2026	Fully operational		

Key: **Completed**, **Open**, **Late**

The initial stages of procurement for the Ecogas facility are underway with Ecogas directly approaching specialists. In addition, the tendering of the civil packages has started with Ecogas focused on working with local companies where possible. A number of local businesses have got in touch with Ecogas via the project page ([Otautahi Christchurch Organics Processing Facility — Ecogas](#)) and Ecogas welcome contact from interested businesses. The procurement workstream is on track.

CCC building consent RMA/2024/2050 has been granted.

ECan is processing the resource consent application CRC250284. You can view their page here:

<https://www.ecan.govt.nz/data/consent-search/consentdetails/CRC250284#related>.

Neither Council nor the applicant, Ecogas, have any visibility of the timeline for the processing of this consent.

Future use of the Organics Processing Plant site in Bromley

Council staff have a presentation scheduled for 27th February 2025 with the Waitai-Coastal-Burwood-Linwood Community Board. This presentation will start of the process with the community board to discuss with them how they would like to engage with the community and capture their input on future use of the OPP site in Bromley.

We will provide further updates when available.

244 Dyers Road (Lot 1 DP2796) returned to Council

Council staff and Living Earth invited Environment Canterbury to the OPP on Friday 8th November 2024.

During the site visit we visited 244 Dyers Road, which used to be Living Earth's green waste windrow area. Now surplus to operational requirements due to no material being stored outside, Living Earth have returned this land to Council and Council's Heritage team have since leased the space for storage. Through the planning process Council staff's resource consenting team advised they believe a new resource consent would not be required for the planned activity. The below map shows the area outlined in red.



ECan's initial advice is the new activity at 244 Dyers Road is perceived to be low risk.

ECan will engage their resource consent team for advice on managing the OPP resource consent and the two sites going forward. This work will be completed before addressing specific resource consent condition queries such as the boundary plantings.



Living Earth's Organics Processing Plant Community Liaison Group Report

August 2024 to October 2024

Prepared by: Jaco Kleinhans

Victoria Henry

1st November 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:

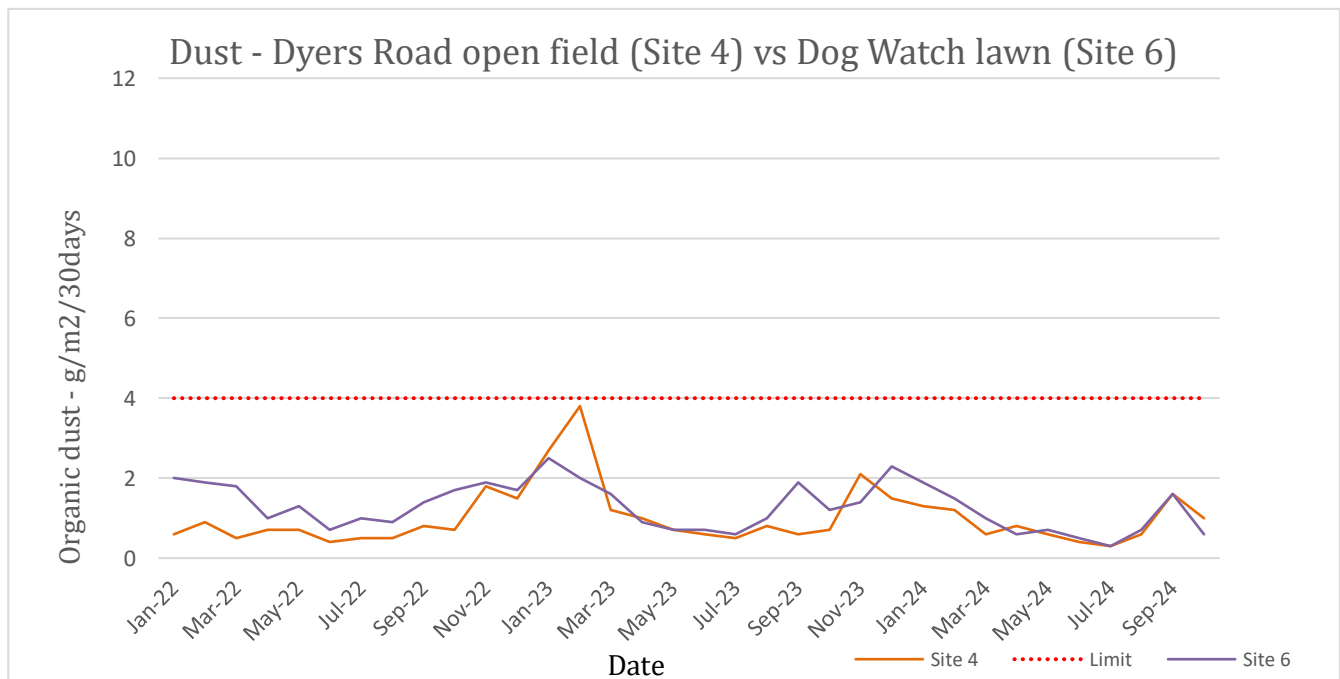
Dust (c25)

No dust complaints received during this period.

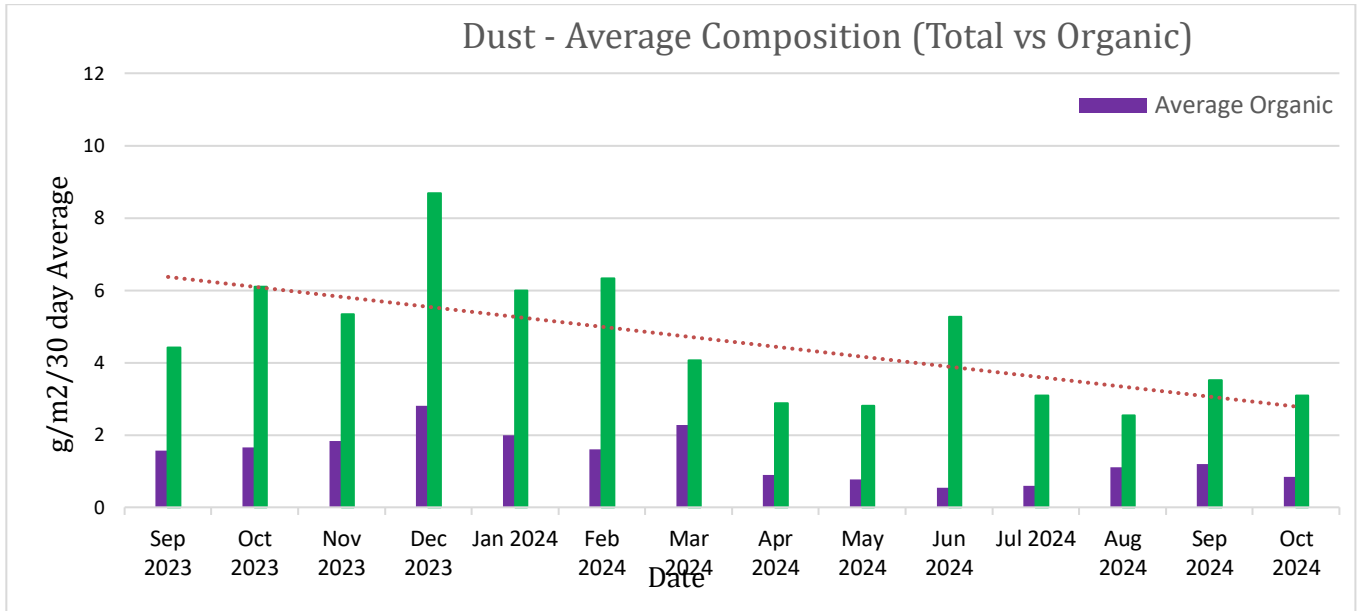
The graph 1. Below shows Site 4 (Dyers Road open field control) verse Site 6 (Dog Watch lawn). This shows us that the dust levels remain similar downwind and upwind of site.

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.



Graph 1 - Off site dust monitors Site 4 and Site 6, located along Dyers Road and downwind of the site.



Graph 2 - Average dust composition comparison of average total dust vs average organic component.

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.

Tonkin and Taylor have been engaged to review and report on the biofilter performance. This review is in progress and thermographic surveying is underway.

On-site operations

1. KSO is processed in the tunnels for at least 14 days and then loaded directly into trucks and sent off site for further processing and screening.
2. Truck loading is happening directly outside the OPP with water misters operating.
3. We achieve an approximate 60% reduction in volume through the current tunnel process.
4. This reduction significantly reduces peak season risk.
5. Extra carbon and EM are being used in the process to ensure feedstock recipe is correct for the current season.
6. No tailings produced or stored onsite.
7. All green waste is processed in the OPP. Noting, generally this is the operations that occur on site on the weekend.
8. No material is stored, moved or screened onsite.
9. On average we cart five truck and trailer loads four days a week to move pasteurised and stabilised product off site, and generally this occurs during the day on weekdays.
10. Continued positive 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	The discharges of odour and dust shall only occur from the following sources: <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. No windrows during this period. d. These activities have stopped.
Construction of Organics Processing Plant			
4	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: <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	The material processed shall only include the following: <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	Yes	All kerbside organics collection vehicles are

	contained within the process building.		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 NZ 4454. 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 20 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 putrescible 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 	Yes	We no longer have windrows; all these conditions are met within the tunnel composting system.

	<p>b. The state of the windrows shall be monitored for oxygen, temperature and moisture as follows (and records retained):</p> <p>a. Oxygen: Weekly for the first four weeks after the row is constructed and thereafter if the row is suspected of turning anaerobic;</p> <p>b. Temperature: Weekly;</p> <p>c. Moisture Content: Every second day</p>		
	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> <p>a. Maintaining satisfactory moisture levels in the biofilter.</p> <p>b. Maintaining an appropriate pH range, typically 4 to 8.</p> <p>c. Maintain aerobic conditions at all times.</p> <p>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.</p>	Yes	<p>a. Average moisture tested for the period is 64% (this is a seasonally expectation)</p> <p>b. pH recorded in for this period 7.1</p> <p>c. Oxygen levels >20%</p> <p>d. Back pressure monitored for bed media condition within acceptable range.</p>
	Dust Control		
24	<p>The consent holder shall implement the following measures to minimise the generation and discharge of dust:</p> <p>a. Use water sprays with any mechanical handling of compost when conditions are likely to generate dust.</p> <p>b. Provide an impervious base to all outdoor composting areas.</p> <p>c. Limit the height and slope of outdoor piles to less than five metres in height.</p>	Yes	<p>a. Mistors and water trucks are used</p> <p>b. Site is asphalt sealed</p> <p>c. No piles outside</p> <p>d. Monitored on-site, data reported each minute.</p> <p>e. The asphalt is watered and swept regularly to</p>

	<p>d. Bulk carriers removing material from site shall be covered.</p> <p>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.</p> <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>		remove any residual debris.
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	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.	Yes	Signs in place, all drivers, and contractors inducted with specific mention made of consent compliance.
27	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.	Yes	
28	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.	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>	Yes	Complaints made to Environment Canterbury are recorded by Environment Canterbury.

	<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 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	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.	Yes	Completed.
31	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.	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> <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>	Yes	Weather station is located on site.
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	<p>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.</p> <p><i>A note to mention, that we have removed monitoring location 7 (pump station by Dog Watch) and location 8 (in the green waste drop off area). Location 8 is no longer Living Earth site, so no longer relevant, and location 7 is obsolete to the purpose.</i></p>
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>	Yes	

	<ul style="list-style-type: none"> c. A description of consent and monitoring requirements; d. A system of training for employees and contractors to make them aware of the requirements of the EMP; and e. Identifying staff responsible for implementing and reviewing the EMP. 		
	Community Liaison Group		
35	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> (i) all property owners and occupiers with boundaries adjoining, or but for the presence of roads, with boundaries immediately next to the site; and (ii) all parties who made a submission on the application to change consent conditions. 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. 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. d. The main purposes of the Community Liaison Group shall be to: <ul style="list-style-type: none"> a. Identify and address any adverse effects of discharges to air from the site, including possible remedial action; and b. Discuss the results of all monitoring and reporting required under this consent. 	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> <ul style="list-style-type: none"> a. Dealing with any adverse effect on the environment which may arise from the exercise of the consent; or b. Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment; or c. Complying with the requirements of an operative regional plan. 	Yes	
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Environment Canterbury Odour and Dust Report 01 August 2024 – 31 October 2024

Prepared on 6 November 2024 for the Community Liaison Group Meeting 19 November 2024

Living Earth odour monitoring

During the reporting period there were five Smelt-Its received that included a compost-type odour in the community of Bromley. There were no phone calls, Snap Send Solves or emails that noted a compost-type odour in the Bromley community. As a result of the Smelt-It's, Environment Canterbury created two pollution events related to Living Earth. Where we receive multiple reports within a confined time frame, we attribute these to a singular pollution event. Please find the breakdown of the relevant Smelt-It reports received below.

Date	Time	Smelt-It received (odour characteristics)	Attendance / Response time
28/08/2024	11:53 am	Compost, Silage, Herbal, cut grass	Not attended due to H&S concern
28/08/2024	11:54 am	Compost, Silage, Herbal, cut grass	
4/09/2024	10:00 am	Meaty, Rancid, Dead Animal, decayed Compost, Silage, Herbal, cut grass Sewer odour	20 min
4/09/2024	8:15 pm	Compost, Silage, Herbal, cut grass Meaty, Rancid, Dead Animal, decayed	Not attended - afterhours
24/10/2024	6:00 am	Meaty, Rancid, Dead Animal, decayed Sewer odour Sea/marine, Fishy Compost, Silage, Herbal, cut grass	Not attended - afterhours

One in-field odour assessment following a Smelt-It report including compost characteristics was carried out during this reporting period. The attending officer substantiated a faint meaty odour, but was not able attribute this to a specific site/location.

Odour from Living Earth was not substantiated beyond the property boundary for this reporting period.

Compliance Monitoring of Living Earth CRC080301.1

There has been no specific compliance monitoring of CRC080301.1 in this quarter. A site visit has been scheduled for 8 November 2024.

CCC has informed ECan that part of the site, 'Lot 1 DP2796,' has been returned to CCC and will be used for heritage item storage. This area will also be reviewed during the site visit on 8 November.

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 this quarter, Environment Canterbury:

- Received 48 reports of odour received via Smelt It, Snap Send Solve, Email and phone calls (with attributes across all manner of odour within Bromley).
- Attended 25 site visits in the community and spent approximately 13 hours responding to reports and conducting proactive monitoring.

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

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.

