



# TLCCG

## Tullamarine Landfill Community Consultation Group

**OUR PURPOSE:** *to foster collaboration between the community, Transpacific and EPA Victoria, and ensure community concerns and aspirations regarding the closed Tullamarine Landfill and adjoining land form part of the decision making process.*

### APRIL 18, 2018 MEETING SNAPSHOTS

This meeting provided an update on site rehabilitation.

#### TLCCG Facilitator

Jen Lilburn discussed her decision to resign from the position of independent facilitator for TLCCG. She thanked all the members for their participation over the past five years which has enabled TLCCG to create a forum that reflects the values that were agreed by all TLCCG members in 2013.

There was agreement that the role of the facilitator has been instrumental in providing a respectful atmosphere where rigorous discussions could be held with everyone listening and seeking to understand. The community thanked Cleanaway for their continued support of this facilitated process.

Community comments/concerns raised throughout the meeting included:

- The Tullamarine landfill is unique in its issues and its needs for consultation.
- The independence and skills of the facilitator and notetaker are essential to the success of the group.
- The community would like the opportunity to be on the selection panel or meet the new facilitator before the next meeting.
- There is a real risk of undermining the success, progress and goodwill that has been fostered during the past five years and returning to the earlier volatile situation.
- Meeting frequency needs to be variable, according to the issues and the timing of reports.
- Other forms of communication such as one to one conversations, emails and social media have a place but may be seen as a form of lecturing and are not the same as meeting in a group where everyone is hearing the same information and listening to each other.
- It is important that the EPA is included in the forums and discussions - particularly with the new changes to the Act and the implications of those.

Olga Ghiri from Cleanaway responded that it will appoint a well-qualified and suitable facilitator but that it is unlikely that there will be a need for the community to be involved in this process.

Olga asked the group to consider an end point to these meetings and committed to hosting another meeting later in the year at which time the group will discuss and decide on future meetings based on outstanding issues. She reassured the group that Cleanaway will not be ceasing community consultation, and commits to maintaining information flow through email updates, and website information.

Alistair Nairn from EPA Victoria thanked Jen and Andrea for their extremely valuable contributions to improving TLCCG and enabling the transparency that currently exists. He also thanked Cleanaway for supporting these forums and bringing their experts to the table to answer questions and respond to issues.

# Post Closure Pollution Abatement Notice (PCPAN)

Alistair Nairn provided an update on the new PCPAN for Tullamarine is being developed using the new template and following earlier consultation with the community and industry and is almost complete. It includes new information from reports such as the hydrogeological results. When it is finalised, it will be distributed via TLCCG and will be on the EPA website.

The new draft EPA Act is coming before parliament and if adopted will bring many changes which may impact on the landfill management.

## Community Consultant Assessment

EPA Victoria and the community have cancelled their contract with the US consultant as he was unable to finalise the project citing personal reasons. They are actively pursuing a new consultant.



Stephanie Holland, Cleanaway provided an overview of the activities that have been undertaken at the landfill since the last TLCCG meeting in October.



## Operational updates

- Groundwater, stormwater & leachate sampling occurring this week
- Post Closure Pollution Abatement Notice (PCPAN) received from EPA, no changes
- Routine flare maintenance & calibration was completed on 6th March.
- Received post closure environmental monitoring plan and finalized groundwater and leachate management plan – there are no changes from when Kieren consulted TLCCG on the drafts.

## Stormwater Connection Redesign

- Design completed by Golder is currently being assessed internally.
- There will be a final decision made by the next meeting.
- The current system is maintaining adequate control of stormwater on the site in the interim.

## Landfill gas extraction

Cleanaway stressed that it will not be penetrating the landfill cap for gas extraction. Improvements will be made only where and when identified to the existing extraction system.

A header realignment project for the existing system was undertaken in January to address natural landfill settlement.

## Cap integrity

Concerns were raised regarding the level of the settlement of the cap. It had been predicted that there would be some settlement over time. The community called for a report on the status of the cap settlement.

## Groundwater Sampling

The results from the groundwater testing at bore MB56 indicated that there were two exceedences but that neither of these were of concern. The total dissolved solids (salts and carbonate) were over the drinking water guidelines but are all substances naturally found in groundwater. The Selenium level was 0.01mg/L over the Australian and New Zealand Environment Conservation Council (ANZECC) drinking water guidelines and it is also found naturally from rocks and minerals and are an essential nutrient to humans.

## Flare and Ambient Air monitoring

The community raised concerns regarding the deficiencies in the sampling of flare emissions and the modelling which suggested that there are no impacts from the flare and that the flare would achieve 99.9999% destruction rates which would have been supported by the community. It was also noted that the reports discussed the destruction and levels of methane and carbon dioxide but not all the other chemicals that may be in the flare. The potential risks from flare emissions is a major ongoing concern for the community.

Cleanaway responded that they are using the best technical equipment currently available and the test results are within the limits of possible testing which show the flare is achieving 99.95% destruction rates. Flare monitoring is not a requirement of the PCPAN nor is the ambient air monitoring. The flare function monitoring is continuous within the flare.

## Ongoing issues for the landfill

The following issues were identified as important for future discussion:

- New PCPAN and changes to legislation
  - o Landfill Gas Management Plan/Auditor review
- Flare monitoring and Risks from the flare outputs
  - o Chemical destruction and possible toxin emissions
- Groundwater pollution levels
  - o Bore monitoring
  - o Groundwater plume and its proximity to homes
- Cap integrity
- Stormwater redesign
- LNAPL extraction
  - o Risks to the community
  - o Independent review of the LNAPL extraction options (new consultant)
- Bufferland maintenance or redevelopment
- Community engagement/facilitation/channels and commitment

### NEXT MEETING:

The next meeting will be held on October 24, 2018

For a full account of discussions at the meeting and associated attachments see the meeting notes at

<http://www.cleanaway.com.au/community/major-project/tullamarine-closed-landfill-vic/>

TLCCG is supported by Cleanaway in order to foster good communication and relations with the community.