

Minutes
Redvale Landfill
Community Liaison Committee Meeting
Held at the Redvale Landfill Office- Monday 10/11/2024 at 6:30 pm

Welcome: 6:45 pm: W Hojem

Present: G Jujnovich, W Hojem, L Johnston, N DeWitte, B Gibbs, A Nicholas, A McNeil, M Drury, E Singh, J Hutchinson

Apologies: C Liyanage

Absent: A Parsonage, K Hills, Te Arahi, Janie Nahi

Minute's previous meeting: Circulated

Minutes be accepted as true and correct record: A McNeil

Seconded- A Nicholas

Correspondence In:

Correspondence Out:

- T Wiggill distributed the minutes for the meeting held on August 12th on August 19th, 2024.

Matters Arising:

- G Jujnovich to confirm the date and time of the Landfill tour, scheduled for 30 minutes before the next meeting, which will be held on November 11th.
 - Resolved: Landfill tour took place on November 11th at 18:05 pm.
- W Hojem requests a comparison report of the air space consumption over the years.
 - Resolved: G Jujnovich provided an air space report covering the last ten years.
- M Drury suggested that J Jefferis give a presentation on the landfill closure and aftercare.
 - G Jujnovich mentioned that J Jefferis will be providing a presentation at February's meeting.

ACTION

J Jefferis

Complaints Register:

- L Johnston noted that was new complainants.
 - G Jujnovich clarified that there are no new complainants, only a few infrequent ones.
- L Johnston asked E Singh if council have received any complaints.
 - E Singh reports that no additional complaints were received.
- E Singh inquired about the operational hours for WM New Zealand.
 - G Jujnovich informed that the weighbridge operational hours are from 6:15 am. to 4:30 pm. Monday to Friday, and from 7:00 am. to 2:00 pm. on Saturday; however, the consented hours are from 6:00 am. to 6:00 pm.
- N DeWitte inquired if complainants who are not part of the CLC receive responses to their complaints and mentioned that he received a response, though it was delayed.

- G Jujnovich informed that all complaints are responded to in a timely manner but will investigate.
- J Hutchinson requested clarification from a technical expert on the chemicals in the vapour emitted by the Benevap.
 - J Hutchinson asked if there are any contaminants in the water vapour.
 - G Jujnovich informed J Hutchinson that it is water vapour. Explained that while there are contaminants emitted from the Benevap, they are all within the acceptable levels under thresholds listed in the consent.
- M Drury suggested that WM New Zealand change their approach to handling more serious complaints.
 - G Jujnovich noted that he would investigate the matter but emphasized that the Benevap is closely monitored, with all results regularly submitted to the council.
- L Johnston asked E Singh if the council investigates whether Benevap vapours are contaminated.
 - E Singh mentioned that while there are contaminants emitted from the Benevap, they are within the consented limits. There are specific conditions regarding the exceedance levels of certain contaminants, and if there is an exceedance, it will be reflected in the quarterly reports submitted by WM New Zealand.
- W Hojem requested that E Singh provide a table listing chemicals involved in the consent along with their consented amounts.
 - E Singh inquired if this request was specific to ammonia. She confirmed that she would investigate and email the table to T Wiggill.

ACTION

J Jefferis

ACTION

E Singh

Operation Reports:

- Rainfall data: On par with last year.
- Odour report: A comparison of all complaints from the past 5 years.
- Last ten years yearly air space tracking report.

Operational Update:

- Easement- No Update.
- Nursery- No Update.
- Waste volumes range between 1800-2700 tonnes.
- Truck numbers >200 p/day.
- Managed Fill- No Change.
- Currently, five odour cannons are in service. One of the older cannons will be replaced within the next two weeks.

Other Matters:

- W Hojem requested a map or plan showing where landfill operations are being closed off and where they will be moving next.
 - G Jujnovich stated that he would present a disposal plan at the next meeting.

ACTION

G Jujnovich

Regulatory Issues:

Nil Noted.

General Business:

- W Hojem inquired whether WM New Zealand would be planting more mature tree species.
 - G Jujnovich noted that WM New Zealand would not plant mature tree species on the landfill, as their roots could potentially penetrate the cap.
- W Hojem inquired about how WM New Zealand controls the population of Mynas and other pest birds.
 - G Jujnovich informed that WM New Zealand has staff undertaking pest control onsite and hired an independent contractor for bird control. Additionally, suppressant devices are used, and WM is investigating the use of ultrasonic devices attached to machinery to help deter the birds during operational hours.

Meeting Dates 2025: **Monday, 10th February 2025**
 Monday, 12th May 2025
 Monday, 11th August 2025
 Monday, 10th November 2025

Meeting Closed: 7:24 pm.

<https://www.wastemanagement.co.nz/my-region/auckland/redvale-energy-park-community-liaison/>
<https://www.wastemanagement.co.nz/my-region/auckland/auckland-regional-landfill/>

Odour Intensity



Odour Intensity: The perceived strength of an odour above its threshold. It is determined by an odour panel and is described in categories that progress from "Not perceptible"; "Very Weak"; "Weak"; "Distinct", "Strong", "Very Strong", to "Extremely Strong".

Frequency Scale



Odour frequency: The perceived duration or time or exposure experienced.

ComplaintID	Address	Start Date of Incident	End Date of Incident	Time of Complaint	Complaint By	Complaint received via	Odour - Noise - Litter - Mud -	Complaint details	Wind Direction (N-S)	Wind Direction (°)	Wind blows towards the address?	Wind Speed (m/s)	Temp	Site Visited by Redvale (Y/N)	Detected Odour when visited (Y/N)	Odour Type	Odour Intensity	AC Visited (Y/N)	AC Finding	Investigation and Response	AC Notified? (Y/N)	Direction of complaint to Landfill (°)	Barometric Pressure (0-2)	Landfill likely to be the source		
																								1.00	Unlikely	
1598	255 Horseshoe Bush Road	9-Aug	9/08/24	6:34	Lloyd Richardson	Text	Odour	Landfill gas this morning 6 out of 6 please tidy up your operations immediately	SW	225	No	0.00	6	Yes	N	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition was sunny with a calm wind speed of 0.0 m/s and a SW wind at 225 degrees. During the investigation, no odour was detected. The investigation was followed up by an additional patrol of the rest of Horseshoe Road, no odour was detected. An internal patrol was followed up immediately, no odour detected, and all devices were running at 100%. Weighbridge has provided details of the types of waste that came in 20 minutes prior to the complaint and no odorous loads were brought in within the time.	Y	280	0	1.00	Unlikely	
1599	184 Richards Road	31-Aug	31/08/24	8:38	Jennie Hutchinson	email	Odour	Despite the thunder, lightning and rain, very clear todfaceofour coming into the house. Time 7.30am onwards. Wind direction due north, but registering as 0.0m/s on your weather station.	E	90	No	2.40	14	No	N/A	N/A	N/A	N/A	N	N	The complaint notification was not noticed by the technician at the time of the complaint. It was only noticed on Monday (2/09). Therefore, no investigation was conducted. However, a desktop investigation was conducted. Despite the complainants claim on the weather data, our local weather station data suggests that the wind (easterly at 90 degrees) was blowing away from the complainants' address. Reports from the operations team states that everything was running at 100%. This is also backed by a new maintenance/best practice data collection system (QR code checks) we just implemented. The data from this system also shows that our devices were running at 100%.	Y	210	1	2.00	Unlikely
1600	100 Tender Road	2-Sep	2/09/24	8:06	Andrew McNeil	Text	Odour	Landfill odour in the air over 100 Tender Road. Level 2. Landfill Gas heavy in the air.	SW	225	No	0.10	12	Yes	N	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition was sunny with a calm wind speed of 0.1 m/s and a SW wind at 225 degrees (away from complainants address). During the investigation, no odour was detected. Out of the 15 min investigation, there were no local or landfill related odour was detected. The investigation was followed up by an extra patrol of the whole stretch of Tender Road and Richards Road as a form of precaution, no odour was detected. An internal inspection of our suppression system was also carried out and everything is running at 100%. This is also backed by the new implementation of operations data collection system where we track the suppression level through daily QR code checks. Weighbridge has provided details of the types of waste that came in 30 minutes prior to the complaint and no odorous loads were brought in within the time.	Y	257	0	1.00	Unlikely	

1603	1284 Dairy Flat Highway	8-Oct	8/10/24	15:29	Jan Lawrence	Text	Odour	Do something about the extremely strong stench. 2 days in a row now	WNW	290	Yes	3.90	19	Yes	Y	Tipface	1	N	N	N	A 15-minute FIDOL assessment was conducted at the complainant's address under fine conditions, with a gentle breeze from the west-northwest (WNW) at a wind speed of 3.9 m/s. A very weak, intermittent level 1 rubbish odour was detected during the assessment. It was observed that the odour seemed more noticeable when waste trucks passed by, likely due to the wind direction across the road. The weighbridge operator confirmed that no significant odorous loads were received during the time of the complaint.	Y	112	2	7.00	Likely
1604	255 Horseshoe Bush Road	11-Oct	11/10/24	16:55	Lloyd Richardson	Text	Odour	Really bad odour please address	SSE	167	No	0.10	14	Yes	N	No odour	0	N	N	N	A 15-minute FIDOL assessment was conducted at the complainant's address under drizzly weather conditions. The wind was calm, blowing from the south-southeast (SSE) at a speed of 0.1 m/s. During the assessment, no odour was detected. At the time the complaint was made, the operations team had already completed their activities for the day, including the required covering procedures. All spray units were still in operation. Additionally, there were no trucks passing over the weighbridge during this period as the last truck entered the landfill at 4:15.	Y	280	2	3.00	Unlikely
1605	295 Postman Road	15-Oct	15/10/24	10:03	Lindsay Howitt	Call	Odour	There is a terrible smell coming from your landfill in Redvale, for about 30 minutes.	SW	227	Yes	7.70	13	Yes	N	No odour	0	N	N	N	A 15-minute FIDOL assessment was conducted at the complainant's address under overcast conditions, with a moderate wind from the southwest at 7.7 m/s. No odour was detected during the assessment. At the time of the complaint, one odour cannon and one line of T-bars were down, but they have since been reinstated and all systems are now running at full capacity. The weighbridge operator confirmed that no significant odorous loads were received during the period of the complaint.	Y	55	0	5.00	Likely
Internal	233 Horseshoe Bush Road	16-Oct	16/10/24	8:02	Karine Dellowes	Text	Odour	Morning, the dump smells this morning.	S	173	No	0.42	10	Yes	N	No odour	0	N	N	N	A 15-minute FIDOL assessment was conducted at the complainant's address under partly cloudy to sunny conditions, with a gentle breeze from the south at 0.42 m/s. No tip face odour was detected in the easement. The maintenance team has been notified to check and replenish the odour suppressant. The weighbridge operator confirmed that no significant odorous loads were received during the time of the complaint.	Y	280	0	1.00	Unlikely
1606	8 Karahiwi Lane	16-Oct	16/10/24	10:53	Nick de Witte	Text	Odour	Odour at my place. Level 3 tip face odour. Nick	NE	56	Yes	1.59	16	Yes	N	No odour	0	N	N	N	A 15-minute FIDOL assessment was conducted under partly cloudy to sunny conditions, with a gentle breeze from the Northeast (NE) at 1.6 m/s. As the complainant's address is not publicly accessible, the assessment was performed at the nearest public location (98 Tender Road), approximately 290 meters north of the complaint address. During the assessment, no tip face odour was detected. However, a level 1 grass odour was identified, which is consistent with the natural surroundings, as the area is covered with vegetation. The investigation included a patrol of both Tender Road and Landfill Access Road. Of the two, Landfill Access Road runs adjacent to the landfill's perimeter and leads directly to the complaint address under the prevailing northeast wind. No odour was detected along either road. As a precaution, the maintenance team was notified to inspect the odour control devices, and all were confirmed to be operating at full capacity. Additionally, the weighbridge operator verified that no significantly odorous loads were received during the time of the complaint.	Y	235	0	6.00	Likely

1607	8 Karahiwi Lane	19-Oct	19/10/24	11:20	Nick de Witte	Text	Odour	Hi. There is tip odour at my place. Nick 8 Karahiwi Lane	ENE	61	Yes	5.62	17	Yes	N	No odour	0	N	N	A 15-minute FIDOL assessment was conducted under partly cloudy to sunny conditions, with a moderate breeze from the east-northeast at 5.6 m/s. Since the complainant's address is not publicly accessible, the assessment was performed at the nearest public location, 98 Tender Road, approximately 290 meters north of the complaint address. No tip face odour was detected during the assessment. The investigation also included a patrol of both Tender Road and Landfill Access Road, with the latter running adjacent to the landfill perimeter and leading directly to the complaint address under the prevailing northeast wind. No odour was detected on either road. As a precaution, the maintenance team was notified to inspect the odour control devices, and all systems, except for one line of T-bars, were confirmed to be operating at full capacity. Additionally, the weighbridge operator confirmed that no significantly odorous loads were received during the period of the complaint.	Y	235	2	6.00	Likely
1608	184 Richards Road	20-Oct	20/10/24	20:33	Jennie Hutchinson	Email	Odour	Strong as I write this, but has been intermittent over the weekend. Should not be getting this burnt odour. No local fires and wind direction firing the odour our way. Please advise results of investigation	NE	36	Yes	0.95	12	No	N/A	-	-	N	N	As the complaint was outside of operating hours there was no FIDOL completed at the complaint address. Communications with the generation team mentioned that "No odour for both days (19/10-20/10) reported on the daily data. Chevrons (stack filters) were cleaned Thursday last week. Regular maintenance was completed the week before" A review of the cameras showed a quick dispersion of the plume from the Benevap.	Y	210	2	9.00	Very Likely
1609	55 Postman Road	30-Oct	30/10/24	8:21	Steve Thomas	Text	Odour	Hello Yesterday and today low level tip face odours At night low level landfill gas Right now 3/10	NNW	330	Yes	3.10	11	Yes	Y	Tipface	1	N	N	A 15-minute FIDOL assessment was conducted at the complainant's address under cloudy conditions, with a light breeze from the north-northwest at 3.10 m/s. During the assessment, a tip face odour with a short duration and intensity rating of 1 was detected. An internal assessment of our odour suppression system was conducted, prompting the maintenance team to adjust the angle of cannon A to better direct it toward an open cell area. The weighbridge operator also confirmed that no significant odorous loads were received at the site during the time of the complaint.	Y	130	2	8.00	Very Likely