

Minutes
Redvale Landfill
Community Liaison Committee Meeting
Held at the Redvale Landfill Office- Monday 12/08/2024 at 6:30 pm

Welcome: 6:30 pm: W Hojem

Present: G Jujnovich, A Nicholas, L Johnston, M Drury, C Liyanage, A McNeil, N DeWitte, T Wiggill

Apologies: E Singh, Te Arahi

Absent: A Parsonage, K Hills, B Gibbs

Minute's previous meeting: Circulated

Minutes be accepted as true and correct record- A McNeil

Seconded- N DeWitte

Correspondence In:

- B Gibbs recognises clean up on Richards Road. 24/05
- J Hutchinson suggests having trees removed/trimmed that have collapsed onto the 7-wire fence. 27/05
- W Hojem informs and acknowledges the resignation of J Hutchinson effective immediately. 18/07.

Correspondence Out:

- Minutes for the meeting held Monday 13th May were distributed on 24th May 24.
- G Jujnovich responds to J Hutchinson, he will investigate the matter regarding the collapsed trees. 27/05.
- G Jujnovich acknowledges resignation of J Hutchinson. 19/07.

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.
- T Wiggill to correct the second-to-last bullet point under General Business by removing the word "taken."
- T Wiggill to correct the eighth bullet point under Operation Reports by adding "Tons."
- W Hojem requests the eighth bullet point be rephrased.

Easement: G Jujnovich No Update.

Nursery: G Jujnovich No update.

Complaints Register:

- W Hojem noted an increase in complaints and has requested G Jujnovich to provide an explanation.
- G Jujnovich explained that increased wet weather, along with a westerly shift in the cell location, made it difficult for machinery to move the odour devices to their placement areas.
- N DeWitte enquired about the independent company that was to review odour operations and control, as discussed in previous meetings. Is there an update to share?
- G Jujnovich informs that the independent odour review was included in the LMP updates. Recommendations from Tonkin and Taylor regarding governance and management changes for WM were part of this review. These updates have been incorporated in the LMP.
- C Liyanage confirms receipt of the LMP and noted that it has been approved by Auckland Council.
- N DeWitte noted that some parts of the LMP need to be discussed with the Community Liaison Committee and asked if WM has done this.
- G Jujnovich informs that a copy of the LMP was provided to Auckland Council, PRP, and Chairman W Hojem at the previous meeting. Additionally, a hard copy is available at reception as required.
- L Johnston asked about proactive monitoring and whether any odour has been detected from it.
- G Jujnovich responded that odour is sometimes detected and necessary changes are made accordingly.
- L Johnston asked Auckland Council whether they only monitor the complaints register or if they also conduct proactive monitoring.
- C Liyanage informs that Auckland Council does not proactively monitor unless the complaint is made directly to them.

Operation Reports:

- Rainfall data: June and July were very wet, but fortunately, there were no major weather events.
- Odour report: A comparison of all complaints from the past 5 years.
- Volumes range between 1800-2700 Tons.
- Truck numbers >200 per day.
- No changes to managed fill.
- We currently have 5 odour cannons on the landfill and are set to receive a 6th one in October.
- Air space data:

Total air space (Gross)	21 270 984 m ³
Less air space (to 30/06/24)	17 730 036 m ³
Total air space remaining (01/07/24)	3 540 948 m ³
Average consumption (12 months)	63 382 m ³
- W Hojem requests a comparison report of the air space consumption over the years.
- G Jujnovich states that he will investigate this.
- A McNeil asks if the air space includes soil.
- G Jujnovich informs that the air space refers only to pure waste and does not include soil used for construction.

Regulatory Issues:

Nil Noted.

General Business:

- N DeWitte asked when WM will start drafting the new consent for the landfill closure.
- G Jujnovich stated that this is likely to start within the next 2 to 3 years.
- W Hojem asked for a detailed picture of what will happen after December 31, 2028, and how it will impact the Community Liaison Committee and the community.
- G Jujnovich responded There will be approximately 2 years of construction required to close the landfill.
- W Hojem inquired whether the odour would cease once the Landfill stops taking waste or if it will continue to linger during the landfill's closure.
- G Jujnovich responded that there will be no exposed waste.
- W Hojem asked if there will be a need for additional generators on site.
- G Jujnovich informs that WM is installing a 15th generator currently, with plans to possibly increase to 17 over the next few years. As decomposition slows, generators will be removed.
- L Johnston mentioned past concerns about leachate and asked if it is now under control.
- G Jujnovich confirms that the leachate is under control and monitored regularly.
- M Drury confirmed that the PRP receives a weekly report from WM, focusing specifically on leachate.
- G Jujnovich explains that real-time loggers on compliance points provide WM with data on leachate levels within the landfill.
- W Hojem received a complaint from a resident on Richards Road about livestock from 44 Richards Road escaping through the fence.
- G Jujnovich will investigate but retain that this land is leased to a local resident who is solely responsible for control of their livestock and is no responsibility of WM.
- L Johnston asked if the landfill will still be converted into a park after closure.
- G Jujnovich explained that converting the landfill into a park isn't possible for another 30 years. While the landfill will be planted and no longer accept waste, it will likely have restricted access until a future date.
- M Drury suggested that J. Jefferis give a presentation on the landfill closure and aftercare.
- G Jujnovich reminded the Community Liaison Committee about the Dairy Flat Community Trust funding applications, which are open until September 13th.

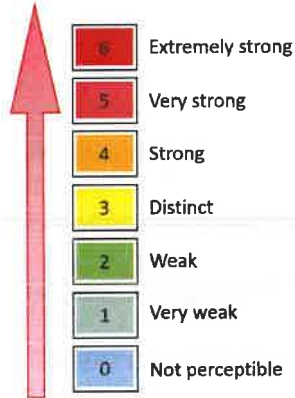
Dates for 2024: 11 Nov

Meeting Closed: 19:20

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

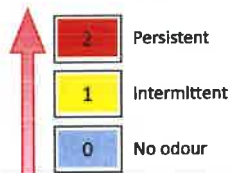
<https://www.wastemanagement.co.nz/my-region/auckland/auckland-regional-landfill/>

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.

Complaint ID	Address	Field Date of Incident	Time of Incident	Time of Complaint	Time of File Investigation	Complaint By	Complaint received via	Odour - Noise - Vibration - Mud -	Complaint details	Wind Direction (W-S)	Wind Direction (°)	Wind blows towards the address?	Wind Speed (m/s)	Temp	Site Validated by HSE/SAFE (Y/N)	Detected Odour when wind was still (Y/N)	Odour Type	Odour Intensity	AC Valid (Y/N)	AC Finding	Investigation and Response	AC notified? (Y/N)	Direction of complaint to complainant (°)	Business Pressure (0-1)	Likelihood likely to be source (0-100)	
1514	233 Macpherson Road	7/05/2024	14:54	14:55	14:56	Karine Phillips	Text	Odour	Hi, unfortunately there's a strong odour coming from this direction.	NE	45	No	3.00	13	Yes	Y	High/Low	1	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition was sunny, wind speed was breezy at 3 m/s. Wind direction was at 45 degrees. A level 1 meteorological rubbish odour detector (level 1) was detected at the address only, consist of agricultural smell, grass, pine, and animal faeces odour. Further investigation was conducted from the start of findings (lead to 1200 ft bar) as a precaution. No odour was detected. As a form of action, we have covered a single path between the cell and the direction of the complaint. As a form of action, on top of that, going through has been increased to take a precaution. Communications with the complainant were established and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	280	1	1.00	Unlikely
1515	176 Macpherson Road	6/05/2024	11:17	11:18	11:30	Greg Brydon	Text	Odour	Hi, unusual smell here today.	S	180	Yes	2.70	15	Yes	N	No odour	0	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition was sunny, wind speed was calm at 2 m/s. Wind direction was at 180 degrees. No odour was detected. As a precaution, the odour detector at the address (mainly consist of agricultural smell, grass and pine) and additional investigation was conducted along the whole stretch of Macpherson Road. No odour detected. As a form of action, we elevated the level of the chemical dosing rate for the day. Communications with the weighbridge operator was established and no significant odour loads were brought in during the period of the complaint. We have responded to the complainant with the result of our findings from the investigation.	Y	350	1	1.00	Unlikely
1516	147 Macpherson Road	14/05/2024	9:13	9:14	9:15	Nick De Witte	Text	Odour	Hi odour at my place this morning. Thanks, Nick	S	190	No	0.30	10	Yes	N	No odour	0	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was sunny with a calm wind speed of 0.3 m/s and a SW wind at 150 degrees (away from complainant's address). During the investigation, the odour detected at the address were only agricultural (grass, earth and pine) and no odour that relates to the landfill was detected. Additional investigation was conducted within our site's internal bypass road located between our cell and complainant's address. The weather condition was identical to the complainant's address. The odour detected at the address was similar to the odour detected at the complainant's address. As a form of precaution, we have increased our suppression rate to the landfill was detected from both investigations. As a form of precaution, we have established our suppression rate up and able to confirm that it is optimal. Communications with the weighbridge was established to confirm waste types received 30 minutes prior to the complaint and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	235	0	1.00	Unlikely
1517	176 Macpherson Road	4/05/2024	9:05	9:06	9:15	Greg Brydon	Text	Odour	Smelly here today.	E	90	No	0.40	12	Yes	N	No odour	0	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was sunny with a calm wind speed of 0.4 m/s and a E wind at 90 degrees (away from complainant's address). During the investigation, the odour detected at the address were only agricultural (grass, earth and pine) and no odour that relates to the landfill was detected. As a form of precaution, we have monitored our suppression rate up and able to confirm that it is optimal. Communications with the weighbridge was established to confirm waste types received 30 minutes prior to the complaint and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	350	0	1.00	Unlikely
1518	176 Macpherson Road	4/05/2024	10:17	10:18	10:40	Nick De Witte	Text	Odour	Hi odour at my place. Earlier this morning, we finished Road Run heavy rain in the road area at my place.	E	90	Yes	3.00	15	Yes	N	No odour	0	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was sunny with a calm wind speed of 3 m/s and a E wind at 90 degrees. During the investigation, the odour detected at the address were only agricultural (grass, earth and pine) and no odour that relates to the landfill was detected. As a precaution, the odour detector at the address was elevated to level 1. The odour detected at the address was similar to the odour detected at the complainant's address, but were predominantly dry and earthy smell. Overall, there were no odour that could relate to the landfill was detected from both investigations. As a form of precaution, we have monitored our suppression rate up and able to confirm that it is optimal. Communications with the weighbridge was established to confirm waste types received 30 minutes prior to the complaint and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	235	0	1.00	Unlikely
1519	331 Macpherson Road	5/05/2024	12:53	12:54	13:00	Tim Harte	Phone call	Odour	Complainant explained via phone call about a recent credit of rubbish odour in their area.	E	90	Yes	4.00	15	Yes	Y	High/Low	3	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was sunny with a calm wind speed of 4 m/s and a E wind at 90 degrees. During the investigation, a level 1 rubbish odour was detected. However, the odour detected at the address were only agricultural (grass, earth and pine). The investigation was followed up by an internal (noted assessment) of the layout of our suppression system. As a form of action, we have covered a single path between the cell and the direction of the complaint. As a form of action, we have added additional 1000 litres to our suppression system. Communications with the weighbridge was established to confirm waste types received 30 minutes prior to the complaint and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	260	2	8.00	Very Likely
1521	185 Macpherson Road	6/05/2024	11:09	11:10	11:15	Jimmo Harrison	email	Odour	Sludge and some 1,2,4,6,8 odour in their area.	NE	45	Yes	3.20	17	Yes	N	No odour	0	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was sunny with a calm wind speed of 4 m/s and a E wind at 90 degrees. During the investigation, a level 1 rubbish odour was detected. However, the odour detected at the address were only agricultural (grass, earth and pine). The investigation was followed up by an internal (noted assessment) of the layout of our suppression system. We have identified a gap between our cell and the complainant's location that could be the root cause of the odour. As a form of action, we have added additional 1000 litres to our suppression system. Communications with the weighbridge was established to confirm waste types received 30 minutes prior to the complaint and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	210	0	1.00	Unlikely
1522	185 Macpherson Road	6/05/2024	14:22	14:23	14:45	Jimmo Harrison	email	Odour	Re: High/Low odour, having a lot today.	NE	45	Yes	3.4	16	Yes	N	No odour	0	N	N	A 15 min HDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was sunny with a calm wind speed of 3.4 m/s and a NE wind at 45 degrees. During the investigation, no odour that relates to the landfill was detected. The odour detected at the address were only agricultural (grass, earth and pine). The investigation was followed up by an internal (noted assessment) of the layout of our suppression system. We have identified a gap between our cell and the complainant's location that could be the root cause of the odour. As a form of action, we have added additional 1000 litres to our suppression system. Communications with the weighbridge was established to confirm waste types received 30 minutes prior to the complaint and there were no notable differences. We have responded to the complainant with the result of our findings from the investigation.	Y	210	1	1.00	Unlikely

1580	8 Marshall Lane	18/06/2024	10:11	10:12	10:40	Nick De Witte	Text	Odour	Hi, odour in Tender Road and HSB Road this morning around 9:15. On my return now around 10:11 in tender road and at my place Nick	135	HE	Yes	16	Yes	16	0.10	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was cloudy with a calm wind speed of 0.2 m/s and a SE wind at 35 degrees. During the investigation, no odour that's related to the landfill was detected. The overall detection within the 15-minute investigation was local landscape and agricultural odour. Prior to this investigation, another 15-minute FIDOL investigation was being conducted at an address that is 50m down from the same road as the complainant's address. During this investigation, a level 1 intermittent rubbish odour was detected. The investigation was followed up by an internal site inspection of our devents. We have discovered a gate that is aligned with our rubbish cell and the complainant's address. A third investigation was also done along the bypass road within our site, this road is aligned between the cell and the complainant's address. A level 1 intermittent rubbish odour was detected. As a form of action, the gate has been closed and the complainant's address has been covered with an additional spray bar and a slight adjustment of one cannon's position. Communications with the weighbridge was established to confirm if any loads that are excessively odorous. No loads were identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings from the investigation.	Y	213	0	1.00	Unlikely
1581	43 Tender Road	18/06/2024	10:43	11:00	Ben 43 Tender Rd	Text	Odour	Morning, the dump is stinking again	135	SE	Yes	15	Yes	15	1.40	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was cloudy with a calm wind speed of 1.4 m/s and a SE wind at 35 degrees. During the investigation, no odour that's related to the landfill was detected. The overall detection within the 15-minute investigation was local landscape and agricultural odour. Prior to this investigation, another 15-minute FIDOL investigation was being conducted at an address that is approximately 20m up from the same road as the complainant's address. During this investigation, a level 1 intermittent rubbish odour was detected. The investigation was followed up by an internal site inspection of our devents. We have discovered a gate that is aligned with our rubbish cell and the complainant's address. A third investigation was also done along the bypass road within our site, this road is aligned between the cell and the complainant's address. A level 1 intermittent rubbish odour was detected. As a form of action, the gate has been closed and the complainant's address has been covered with an additional spray bar and a slight adjustment of one cannon's position. Communications with the weighbridge was established to confirm if any loads that are excessively odorous. No loads were identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings from the investigation.	Y	280	0	1.00	Unlikely	
1582	255 Horseshoe Bush Road	19/06/2024	6:54	6:55	7:33	Lloyd Richardson	Text	Odour	Morning, sitting outside having my morning coffee and your waves of rubbish odour are constantly across my property. Please address your odour issue as soon as possible. The rubbish cell is overflowing. I will have to send them a message every time there is an overflow. I have to turn up at the council at 8:30 for meetings and I have to be there to deal with the waste and sort out your business operations once and for all	67	ENE	Yes	14	Yes	14	1.40	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was cloudy with a calm wind speed of 1.4 m/s and a NE wind at 67 degrees. During the investigation, no odour that's related to the landfill was detected. The overall detection within the 15-minute investigation was primarily agricultural and automotive odour. The odour was detected during the investigation due to the wind direction. An investigation was conducted at the whole stretch of Tender Road from the road directly towards the area. No odour was detected from this stretch of Tender Road. The investigation was followed up by an internal investigation within our site along the bypass road which is located between the cell and Tender Road. Where two investigations were conducted previously. A slight level 1 intermittent odour was detected in this area. As a form of action, we relocated 1 Cannon right next to the push ramp that gives the ability for the spray to blow above the cell. Communications with the weighbridge was established to confirm if any loads that are excessively odorous. No loads were identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings from the investigation.	Y	280	0	1.00	Unlikely
1582	255 Horseshoe Bush Road	19/06/2024	6:54	6:55	7:33	Lloyd Richardson	Text	Odour	Morning, sitting outside having my morning coffee and your waves of rubbish odour are constantly across my property. Please address your odour issue as soon as possible. The rubbish cell is overflowing. I will have to send them a message every time there is an overflow. I have to turn up at the council at 8:30 for meetings and I have to be there to deal with the waste and sort out your business operations once and for all	67	ENE	Yes	14	Yes	14	1.40	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition at the complainant's address was cloudy with a calm wind speed of 1.4 m/s and a NE wind at 67 degrees. During the investigation, no odour that's related to the landfill was detected. The overall detection within the 15-minute investigation was primarily agricultural and automotive odour. The odour was detected during the investigation due to the wind direction. An investigation was conducted at the whole stretch of Tender Road from the road directly towards the area. No odour was detected from this stretch of Tender Road. The investigation was followed up by an internal investigation within our site along the bypass road which is located between the cell and Tender Road. Where two investigations were conducted previously. A slight level 1 intermittent odour was detected in this area. As a form of action, we relocated 1 Cannon right next to the push ramp that gives the ability for the spray to blow above the cell. Communications with the weighbridge was established to confirm if any loads that are excessively odorous. No loads were identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings from the investigation.	Y	280	0	1.00	Unlikely
1583	255 Horseshoe Bush Road	20/06/2024	7:09	7:10	7:15	Lloyd Richardson	Text	Odour	Same night today, we're you can suppress it.	60	E	Yes	13	Yes	13	1.80	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 1.8 m/s and a E wind at 90 degrees. No odour that's related to the landfill was detected. The overall duration of this investigation was identical to the previous days investigation as it occurred at the same address during a similar time period. Therefore, the overall detection within the investigation was primarily agricultural and automotive odour. An extra investigation was conducted at the whole stretch of Tender Road, due to the wind direction. No odour was detected from this area. As a form of action, we relocated two cannons to the optimal location to achieve a spray that covers over the rubbish. The weighbridge confirmed that there were no excessive odorous loads identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings.	Y	280	0	1.00	Unlikely
1584	100 Tender Road	20/06/2024	14:23	14:24	14:30	Andrew McNeil	Text	Odour	Hi there, could you please suppress this morning. Just got home and smell it coming up. You've now a reply of the again. Just for reference it was also present earlier this week.	90	E	Yes	14	Yes	14	5.90	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 5.9 m/s and a E wind at 90 degrees. No odour that's related to the landfill was detected. An extra investigation was conducted between 43 and 53 Tender Rd. As a form of action, we increased the oscillation spread of our cannons located in the upwind area that provides a spray hovering above the rubbish. The weighbridge confirmed that there were no excessive odorous loads identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings.	Y	257	1	1.00	Unlikely
1585	8 Marshall Lane	20/06/2024	14:25	14:45	Nick De Witte	Text	Odour	Hi Andrew, I received there is still odour in Tender Road hallway. Investigation you did on Tuesday. Thanks Nick	90	E	Yes	14	Yes	14	5.50	No odour	0	N	N	A 15 min FIDOL assessment was conducted at the complainant's address. Weather condition was sunny with a breeze wind speed of 5.9 m/s and a E wind at 90 degrees. No odour that's related to the landfill was detected. This investigation was conducted at the same location as the previous complaint which was 5 mins prior to receiving this complaint and the point of investigation is the same. Agricultural and a slight local rubbish (rubbish day) smell were mainly detected. An extra investigation was conducted between 43 and 53 Tender Rd. As a form of action, we increased the oscillation spread of our cannons located in the upwind area that provides a spray hovering above the rubbish. The weighbridge confirmed that there were no excessive odorous loads identified that could cause an elevation of odour within our site. We have responded to the complainant with the result of our findings.	Y	213	1	1.00	Unlikely	

Case No.	Address	Date	Time	Contact	Method	Issue	Response	Time	Duration	Findings	Resolution	Notes	Severity					
1586	51 Tender Road	20/06/2024	14:33	Tim Holt	Phone Call	Odour	Complainant complained of rubbish odour near air phase.	15:00	Yes	2.60	14	Yes	Yes	1	Y	200	Very Low	
1587	255 Horseshoe Bush Road	21/06/2024	7:14	Lloyd Richardson	Text	Odour	Trying to achieve sort your odour out!	13:35	Yes	1.60	12	Yes	No odour	N	Y	200	Very Low	
1588	43 Tender Road	21/06/2024	10:20	Maife Tender Rd	Text	Odour	Good morning, the dump is smelling this morning, category 2. Look forward to it being sorted, thanks Maife	13:35	Yes	1.60	15	Yes	No odour	N	Y	200	Very Low	
1589	255 Horseshoe Bush Road	24/06/2024	6:34	7	Text	Odour	UFG taking this morning. Cant sit outside, nip to throat irritation!	9:00	Yes	0.30	8	Yes	No odour	N	Y	200	Very Low	
1590	51 Tender Road	24/06/2024	17:01	Tim Holt	Phone	Odour	Complaint rung outside hours, which caused the technician to miss the call. Met the complainant the following day to discuss the complaint. Complainant explained about the issue.	6:07	Yes	0.50	13	No	N/A	N/A	N	Y	200	Very Low
1591	210 Kahikatea Flat Road	4/07/2024	8:24	Christine Fallas	Text	Odour	There is a very strong -level 5 - persistent odour before 8am.	20:22	Yes	1.10	5	Yes	No odour	N	Y	200	Very Low	
1592	233 Horseshoe Bush Road	4/07/2024	15:45	Marlene Bellows	Text	Odour	Hi there, there is a light dump odour this afternoon	9:00	Yes	0.20	14	Yes	No odour	N	Y	200	Very Low	
1593	53 Tender Road	10/07/2024	11:00	Tim Holt	Call	Odour	Hi there, we have an odour at the Flat Road & the past two days (05/07 & 04/07) there has been a persistent, very strong odour at the dump, which is possibly from Sam's search.	9:00	Yes	2.60	11	Yes	No odour	N	Y	200	Very Low	
1594	53 Tender Road	10/07/2024	11:00	Tim Holt	Call	Odour	Complainant rung of a very slight rubbish odour, very low intensity and very intermittent.	9:00	Yes	3.90	15	Yes	Y Please	1	N	Y	200	Very Low

