



VEOLIA

ENVIRONMENTAL SERVICES

Technical and Engineering Division

ANNUAL TRUCK NOISE MEASUREMENTS

CLYDE TRANSFER TERMINAL

September 2011

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QUALITY INFORMATION

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1. INTRODUCTION

The Clyde Transfer Terminal (the Terminal) is located at 322 Parramatta Road, Auburn, and operates as a waste transfer facility to accept and transport containerised General Solid Waste (Putrescible) in accordance with Environmental Protection Licence 11763 via rail to Veolia Environmental Services' (VES) Woodlawn Eco-Precinct in Tarago.

The Terminal was issued with Conditions of Development Consent (Conditions) by the Department of Planning and Infrastructure (DPI) formerly known as the Department of Planning, which are attached to the Development Consent. The Conditions include a requirement to assess heavy vehicle noise with limits specified in Australian Design Rule 28/01 (ADR 28/01).

The requirements of Condition 112 are as follows:

The Applicant shall implement a Heavy Vehicle Noise Monitoring Management Program for the development to the satisfaction of the Director-General. This program must:

- (a) monitor heavy vehicle noise on site, in accordance with the methods outlined in the "Truck Noise Monitoring – Proposed Test and Management Plan" prepared by Heggies and dated 26 May 2008;*
- (b) be undertaken quarterly for a year starting in October 2008, and annually thereafter, unless otherwise agreed by the Director-General;*
- (c) measure at least 25% of the heavy vehicles visiting the site;*
- (d) identify heavy vehicles exceeding the relevant noise criteria specified in the Australian Design Rule 28/01, or its successor, and ensure that the owners of these subsequently comply with the relevant noise criteria;*
- (e) report the number of non-compliant heavy vehicles identified and the actions undertaken to address these non-compliances in the Annual Environmental Monitoring Report; and*
- (f) be amended, should the monitoring activities not achieve the aim of the program to the satisfaction of the Director-General.*



This Annual Truck Noise Measurements report (the Report) presents the results of the sixth round of heavy vehicle noise monitoring at the Terminal. Monitoring was completed by the VES Technical and Engineering Division on the 10 August 2011 between 7:00am and 11:15am, in accordance with the Proposed Test Management Plan (PTMP) developed by Heggies. This is the second sampling event and report prepared by VES under Condition 112 since VES assumed the responsibility of monitoring from Heggies.



2. NOISE LIMIT CRITERIA

The noise limit criteria for maximum allowable noise levels for Goods Vehicles described in the PTMP (2008) are provided in Table 1 below.

Table 1: L_{Amax} Noise Limits (dBA) – ADR 28/01

Vehicle Category Code	Vehicle Type	Vehicles In Motion	Stationary Vehicles			
		Direct Injection & Spark Ignition Diesel Engines	Spark Ignition Engines Exhaust Outlet Height		Direct Injection Engines Exhaust Outlet Height	
			<1500mm	≤1500mm	<1500mm	≤1500mm
NA	Light Goods Vehicles GVM ≤3.5t on road use	78 to 80	89	85	99	95
NB	Medium Goods Vehicles GVM >3.5t ≤12t on road use	81 to 84	95	91	101	97
NC	Heavy Goods Vehicles GVM >12t on road use	81 to 87	95	91	103	99

Note: For vehicles in motion test, L_{Amax} noise limits are based on the Gross Vehicle Mass (GVM) and the Nett Engine Power (NEP). The noise limits in the table are expressed as a range where the lower noise level refers to the minimum GVM and NEP in each category and the upper noise level refers to the maximum GVM and NEP in each category.

Waste collection trucks entering the Terminal are loaded vehicles with a Gross Vehicle Mass (GVM) over 12 tonnes, based on tare weights of incoming vehicles on the site weighbridge. Hence, for the purpose of conducting a vehicle noise assessment at the Terminal, Vehicle Category Code “NC”, for heavy goods vehicles with a GVM of 12 tonnes or more on road, with a Net Engine Power (NEP) of greater than 150 kilowatts (kW) has been applied. The upper limit (87dBA) of the NC range provided in Table 1 will be used to assess truck noise measurements. This is consistent with the assessment criteria applied by Heggies in previous monitoring rounds.



3. MEASUREMENT METHODOLOGY

The monitoring location from which the truck noise was measured was consistent with previous monitoring rounds conducted by VES and Heggies. Measurements were taken at a distance of 7.5 metres from the centre of vehicle travel path and a height of 1.2 metres above the vehicle entrance ramp from the weighbridge to the Terminal building, which was the test site surface. Trucks accelerating at this location, which is shown in **Appendix A**, were measured where the vehicle was operating under full throttle in line with the microphone of the sound level meter. For further information regarding measurement location and methodology refer to the PTMP prepared by Heggies (Heggies, 2008).

Measurements were taken with a Quest Technologies SoundPro SE/DL Type 1 Sound Level Meter, using an A-weighted (L_A) filter network and fast response time constant as required under ADR 28/01. The (L_A) filter ensured that the sound level meter was less sensitive to very high and very low frequencies which would be outside the range of noise emitted by the heavy vehicles entering and exiting the Terminal, while the fast response time constant enabled a more accurate reading of noise from each vehicle movement. Calibration of the Sound Level Meter was completed by rental monitoring equipment suppliers Airmet Scientific prior to monitoring. The calibration certificate is included in **Appendix B**.

For each truck movement a L_A maximum noise level measurement was recorded. Additional information on each truck movement was noted (where possible) to assist in identification of trucks exceeding noise criteria, including:

- Company;
- Vehicle Make and Type;
- Registration; and
- Exhaust Location.

The collected data was cross referenced with the Terminal's weighbridge records for vehicles entering the facility on 10 August 2011, a copy of which is provided in **Appendix C**, to identify trucks measured during this sampling period and to calculate the percentage of trucks sampled.



4. NOISE MEASUREMENT RESULTS

A total of 93 truck movements were recorded entering the Terminal and a measurement for each vehicle movement past the monitoring location was taken as the trucks accelerated on the entrance ramp. 24 of these measurements were under impeded traffic conditions causing distorted noise emissions, which may be caused by queuing of waste trucks waiting to enter the Terminal building during busy periods or idling of engines. Impeded traffic conditions affected the representative quality of the noise measurements. The measured sound levels of each pass-by event were recorded on field sheets, which have been tabulated in **Appendix D**.

A total measurement of 32.5% of all truck movements (286) was achieved during this monitoring round, which satisfies the minimum requirements of Condition 112 (25% of daily truck movements).

Figure 1 presents the distribution of recorded sound level frequencies which were measured in A-weighted decibels (dBA). Measurements of 'normal' truck acceleration ranged from 69dBA to 83dBA with the highest frequency occurring between 76dBA to 79dBA. Impaired acceleration readings due to the impeded traffic conditions ranged from 70dBA to 77dBA. Impaired acceleration readings were plotted separately from the normal accelerating vehicles on Figure 1.

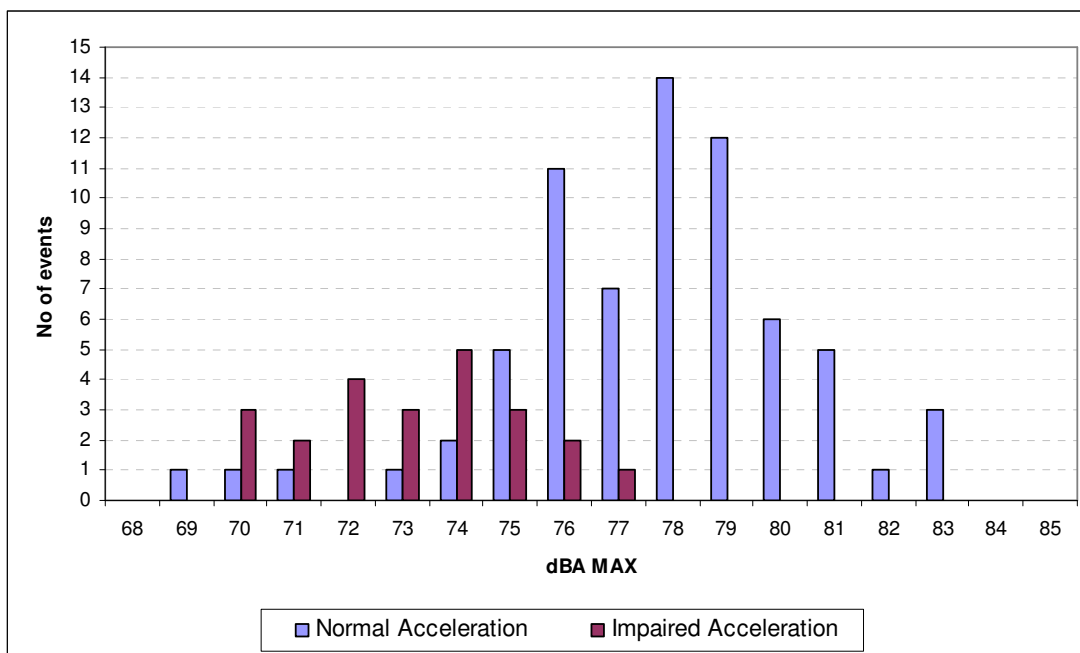


Figure 1: Noise level distribution from Truck Noise Monitoring – 10 August 2011



5. DISCUSSION

Comparison of the heavy vehicle noise measurement results against the limits specified in ADR 28/01 (refer to **Table 1**) indicates that all trucks entering the Terminal in this monitoring round were within the acceptable noise criteria for the NC category vehicles (<87dBA). Driver behaviour was also noticed to influence noise measurements, with such as faster acceleration leading to higher noise recordings and less acceleration leading to lower noise recordings.

Six smaller waste vehicles (ranging from approximately 6 – 11 tonnes when loaded) were observed entering the facility during this monitoring event. For the purpose of this assessment it is considered that these vehicles would fall within the NB category with a noise limit of 84dBA. All noise emitted from vehicles assigned to this category was measured below this threshold as indicated in Table 2 even under impeded conditions.

Table 2: NB class vehicle noise measurements

Time	Company	Make	Registration	L _A Max (dBA)	Impeded Movement
8:04	VES	Mitsubishi	AA42JJ	69.1	N
8:34	VES	Mitsubishi	AA43JJ	74.2	N
8:43	Watts Waste	Isuzu	WVJ721	69.9	N
9:38	Auburn Council	Nissan	AV25CI	70.6	Y
9:40	Watts Waste	Isuzu	XHK462	72.8	N
10:15	Auburn Council	Iveco	AB90AN	75.2	N

Noise from the Terminal's operations such as plant noise (forklift, front end loader and road sweeper) and surrounding areas (Parramatta Road, train tracks) was not significant enough to influence waste truck noise measurements at this location. The noise wall located adjacent to the exit ramp, on the North-western boundary of the Terminal, also assisted in focussing noise measurements on truck movements into the facility by limiting interference noise sources.

No noise complaints pertaining to the Terminal's operations were received between the annual truck noise monitoring rounds. This indicates that noise impacts from waste truck movements at the Terminal boundary are within the Terminal and surrounding area background noise levels.



6. CONCLUSIONS

Truck noise monitoring was conducted on 10 August 2011 between 7:00am and 11:15am. The results indicated:

- Noise from 93 truck movements was measured;
- A total of 32.5% of truck movements were measured, which satisfies the minimum 25% requirement of Condition 112;
- All measured trucks were identified against weighbridge records to verify the accuracy of field data for reporting.
- All truck noise measurements were within the noise criteria of ADR 28/01 and hence did not exceed the trigger limits.
- Noise from the Terminal's operations was not significant enough to influence the truck noise assessment.
- No noise complaints pertaining to the Terminal's operations were received since the previous truck noise monitoring round.
- Truck noise impacts at the Terminal boundary are considered to be within background levels.



7. REFERENCES

- ADR 28/01 Vehicle Standard Australian Design Rule 28/01 – External Noise of Motor Vehicles), 2006. Federal Register of Legislative Instruments F2006L01279. Australian Government.
- PTMP (2008) Clyde Waste Transfer Facility – Truck Noise Monitoring Proposed Test and Management Plan, 2008. Heggies Pty Ltd.

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8. APPENDICES

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Appendix A Truck Noise Monitoring Location

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Appendix B Sound Level Meter Calibration Certificates

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Appendix C Weighbridge Records

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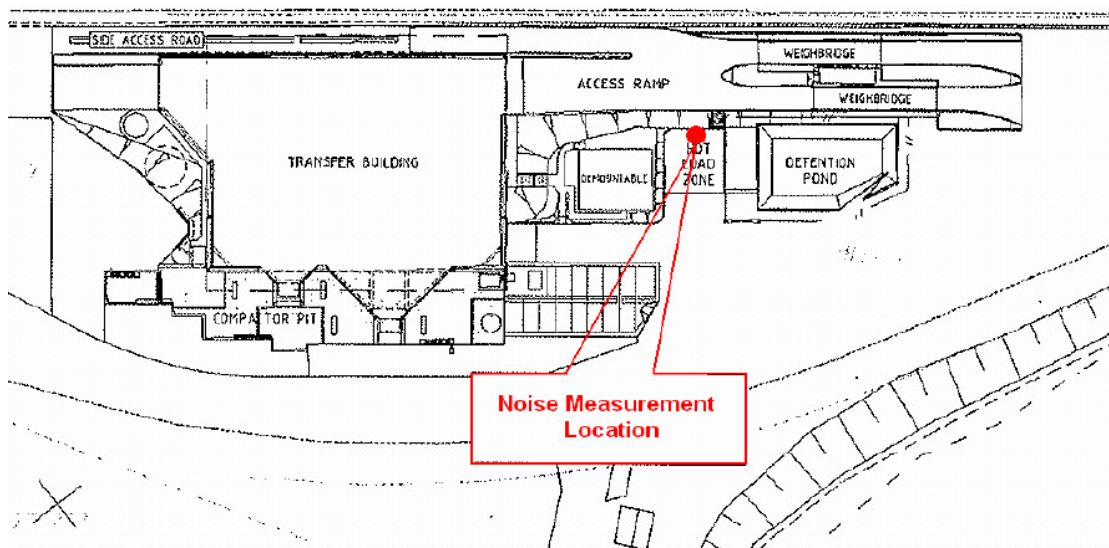
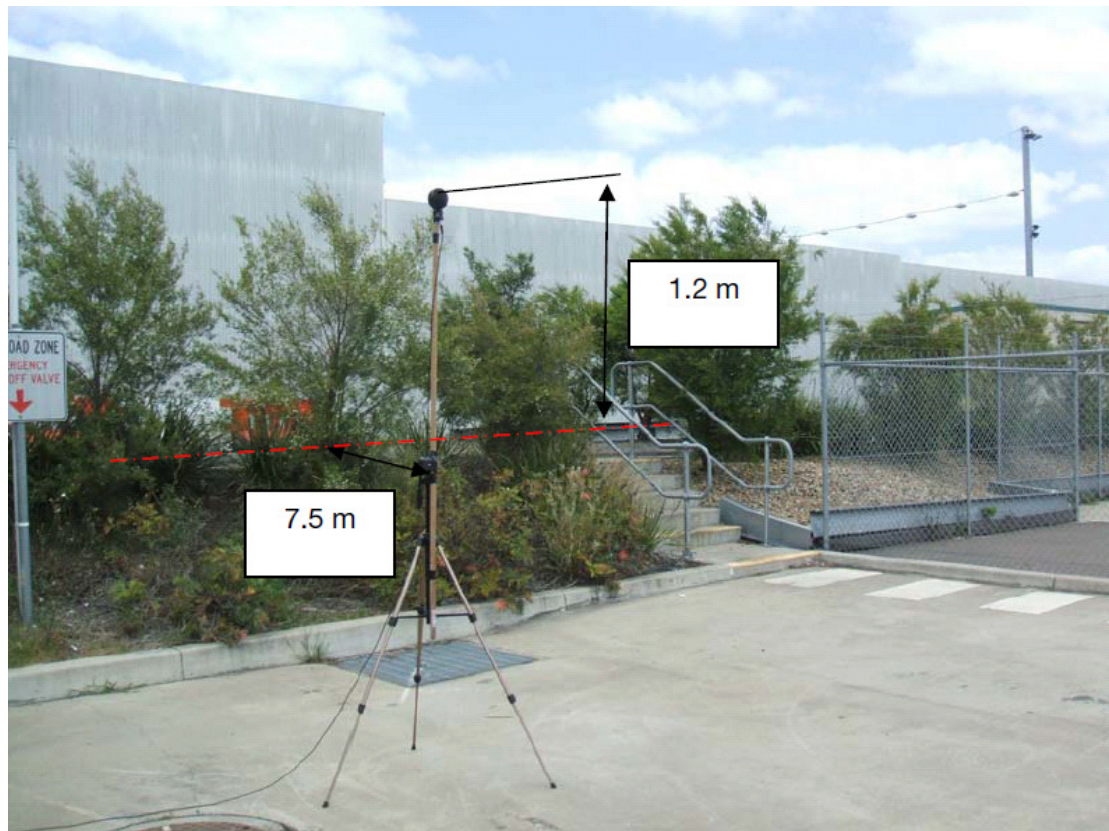


Appendix D Truck Noise Measurement Field Sheets

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Truck Noise Monitoring Location



Sound Level Meter



airmet

Air-Met Scientific Pty Ltd
1300 137 067

Instrument **Sound Pro**
Serial No. **BL1090009**

Item	Test	Pass	Comments
Battery	Charge Condition	✓	
	Battery Holder	✓	
	Alkaline Battery	✓	
	Cover	✓	
	Output	✓	
Switch/Keypad	Operation	✓	
Display	Intensity	✓	
	Operation	✓	
Microphone	Type	✓	
	Socket	✓	
	Plug	✓	
PCB	Condition	✓	
Calibrator	Condition	✓	
	Battery Holder	✓	
	IVAC Output	✓	
	Frequency	✓	
A Weighting	Operation	✓	
C Weighting	Operation	✓	
Software	Version		
Datalogger	Operation	✓	
Download	Operation	✓	
Other Tests			

Certificate of Calibration

This is to certify that the above instrument has been calibrated to the following specifications:

Frequency	Db	Volts AC	Certified	Calibration Equipment	Instrument Reading	
					Before	After
1Khz	114Db	1 Vac	NATA	QC10 QIH60097	114dB	114dB

Calibrated by: AR Anne Rutlidge

Calibration date: 21/07/2011

Next calibration due: 17/01/2012

Date : 10/08/2011
Plant: 1219

Facility	Date	Time	Docket #	Rego #	Customer #
W-2CLYTRA	10.08.2011	0:21:24	1219466161	BJ92WM	20018592
W-2CLYTRA	10.08.2011	0:44:13	1219466164	AK39DP	20015548
W-2CLYTRA	10.08.2011	0:44:26	1219466162	WTRANS	220130
W-2CLYTRA	10.08.2011	0:49:38	1219466163	GAL210	20015599
W-2CLYTRA	10.08.2011	0:50:06	1219466165	URM229	20014702
W-2CLYTRA	10.08.2011	0:59:40	1219466166	BD31VB	20015548
W-2CLYTRA	10.08.2011	1:06:29	1219466168	GDE333	220010
W-2CLYTRA	10.08.2011	1:07:17	1219466167	AY76VN	220410
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W-2CLYTRA	10.08.2011	1:39:52	1219466170	ZLD406	20003072
W-2CLYTRA	10.08.2011	2:03:28	1219466171	AF26TL	220010
W-2CLYTRA	10.08.2011	2:09:05	1219466173	BLM007	220010
W-2CLYTRA	10.08.2011	2:09:20	1219466172	WTRANS	220130
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W-2CLYTRA	10.08.2011	2:26:36	1219466177	AA82JI	20001301
W-2CLYTRA	10.08.2011	2:30:18	1219466178	AI24JY	20015599
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W-2CLYTRA	10.08.2011	2:42:05	1219466180	ZBN571	20018592
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W-2CLYTRA	10.08.2011	9:43:17	1219466303	AR10LS	20017081
W-2CLYTRA	10.08.2011	9:44:27	1219466304	AV25CI	20015617
W-2CLYTRA	10.08.2011	9:45:53	1219466305	XHK462	20003072
W-2CLYTRA	10.08.2011	9:50:05	1219466306	YES468	20014702
W-2CLYTRA	10.08.2011	9:50:55	1219466307	AW38FZ	20003072
W-2CLYTRA	10.08.2011	9:55:56	1219466308	BE69DG	220130
W-2CLYTRA	10.08.2011	9:56:36	1219466310	AR21LS	20017081
W-2CLYTRA	10.08.2011	9:57:35	1219466309	WVH351	20003072
W-2CLYTRA	10.08.2011	10:03:32	1219466311	AQ78QF	20003072
W-2CLYTRA	10.08.2011	10:06:31	1219466312	TNW545	220130
W-2CLYTRA	10.08.2011	10:10:26	1219466314	AR09LS	20017081
W-2CLYTRA	10.08.2011	10:12:36	1219466315	AR38AI	20017081
W-2CLYTRA	10.08.2011	10:14:34	1219466313	AZ80TU	20018592
W-2CLYTRA	10.08.2011	10:15:03	1219466316	URM229	20014702
W-2CLYTRA	10.08.2011	10:19:43	1219466319	AA66JF	20001301
W-2CLYTRA	10.08.2011	10:20:33	1219466317	AW77WH	20018592
W-2CLYTRA	10.08.2011	10:21:07	1219466318	AB90AN	20015617
W-2CLYTRA	10.08.2011	10:24:06	1219466320	BE15HT	20017530
W-2CLYTRA	10.08.2011	10:25:46	1219466321	AR49AI	20017081
W-2CLYTRA	10.08.2011	10:27:59	1219466322	AW16CY	220010
W-2CLYTRA	10.08.2011	10:30:12	1219466324	YBN779	20001301
W-2CLYTRA	10.08.2011	10:32:04	1219466326	YTE397	20014091
W-2CLYTRA	10.08.2011	10:32:31	1219466323	AA80JI	220410
W-2CLYTRA	10.08.2011	10:33:26	1219466325	PK705	20003072

W-2CLYTRA	10.08.2011	10:34:57	1219466327	BK54YO	20003072
W-2CLYTRA	10.08.2011	10:39:28	1219466328	URM233	20014702
W-2CLYTRA	10.08.2011	10:40:25	1219466329	AG66LI	20001301
W-2CLYTRA	10.08.2011	10:42:00	1219466330	AC56XB	20001301
W-2CLYTRA	10.08.2011	10:43:06	1219466331	AA76JG	20001301
W-2CLYTRA	10.08.2011	10:44:38	1219466332	BE93DJ	20017530
W-2CLYTRA	10.08.2011	10:45:31	1219466333	BE74KO	20017530
W-2CLYTRA	10.08.2011	10:50:27	1219466335	BE21KN	20017530
W-2CLYTRA	10.08.2011	10:50:50	1219466334	AB30BI	20041146
W-2CLYTRA	10.08.2011	10:52:55	1219466336	AR22LS	20017081
W-2CLYTRA	10.08.2011	10:54:57	1219466337	AV25CI	20015617
W-2CLYTRA	10.08.2011	10:56:59	1219466340	TNW545	220130
W-2CLYTRA	10.08.2011	10:58:57	1219466339	AQ85CP	20013694
W-2CLYTRA	10.08.2011	10:59:38	1219466338	BG62CA	20014702
W-2CLYTRA	10.08.2011	11:02:07	1219466341	ZCP691	20014091
W-2CLYTRA	10.08.2011	11:06:15	1219466342	WWG620	20013694
W-2CLYTRA	10.08.2011	11:07:59	1219466343	BJ48LR	220130
W-2CLYTRA	10.08.2011	11:09:53	1219466344	BD18ER	220010
W-2CLYTRA	10.08.2011	11:12:30	1219466346	BE73KP	20017530
W-2CLYTRA	10.08.2011	11:12:52	1219466345	BD95ZZ	220410
W-2CLYTRA	10.08.2011	11:14:47	1219466347	AB87RM	20018592
W-2CLYTRA	10.08.2011	11:16:07	1219466349	YPY937	220410
W-2CLYTRA	10.08.2011	11:16:39	1219466348	AA52WJ	220410
W-2CLYTRA	10.08.2011	11:22:05	1219466350	BH77MA	20013694
W-2CLYTRA	10.08.2011	11:28:12	1219466351	AW61ZP	20015617
W-2CLYTRA	10.08.2011	11:31:24	1219466352	BD88RL	220010
W-2CLYTRA	10.08.2011	11:34:04	1219466354	BE57KP	20017530
W-2CLYTRA	10.08.2011	11:34:36	1219466353	ZGH398	20013694
W-2CLYTRA	10.08.2011	11:36:35	1219466355	ZCP181	220010
W-2CLYTRA	10.08.2011	11:39:29	1219466356	AB70UW	220410
W-2CLYTRA	10.08.2011	11:40:49	1219466357	BE94DJ	20017530
W-2CLYTRA	10.08.2011	11:47:14	1219466360	AO80DN	20015599
W-2CLYTRA	10.08.2011	11:47:37	1219466358	AB40PW	220410
W-2CLYTRA	10.08.2011	11:53:14	1219466362	AV17XT	220010
W-2CLYTRA	10.08.2011	11:55:47	1219466363	YXC545	20013694
W-2CLYTRA	10.08.2011	11:56:08	1219466361	BE69DG	220130
W-2CLYTRA	10.08.2011	12:00:46	1219466364	ZLD406	20003072
W-2CLYTRA	10.08.2011	12:04:06	1219466365	ZEW210	220010
W-2CLYTRA	10.08.2011	12:06:36	1219466366	YOT208	20018592
W-2CLYTRA	10.08.2011	12:10:48	1219466367	AU57QJ	220010
W-2CLYTRA	10.08.2011	12:13:01	1219466368	AO24JO	220010
W-2CLYTRA	10.08.2011	12:14:04	1219466369	AV18XT	220010
W-2CLYTRA	10.08.2011	12:24:58	1219466370	WHE332	220410
W-2CLYTRA	10.08.2011	12:28:01	1219466371	MT2750	20003072
W-2CLYTRA	10.08.2011	12:35:19	1219466372	ZAN766	20014091
W-2CLYTRA	10.08.2011	12:38:36	1219466374	AY88AM	20015617
W-2CLYTRA	10.08.2011	12:39:52	1219466373	AZ99PF	20018592
W-2CLYTRA	10.08.2011	12:40:30	1219466375	AW61ZP	20015617
W-2CLYTRA	10.08.2011	12:42:24	1219466376	YVB310	20014091
W-2CLYTRA	10.08.2011	12:46:19	1219466378	BE11HT	20017530
W-2CLYTRA	10.08.2011	12:49:56	1219466379	YPZ907	220410
W-2CLYTRA	10.08.2011	12:51:16	1219466377	YES467	20014702
W-2CLYTRA	10.08.2011	12:52:36	1219466380	AR48AI	20017081
W-2CLYTRA	10.08.2011	13:01:50	1219466382	AU59AK	220410
W-2CLYTRA	10.08.2011	13:07:33	1219466383	AH78GX	20014091
W-2CLYTRA	10.08.2011	13:09:53	1219466384	URM236	20014702

W-2CLYTRA	10.08.2011	13:14:41	1219466386	ZBG190	20014091
W-2CLYTRA	10.08.2011	13:15:09	1219466385	BD96ZZ	220410
W-2CLYTRA	10.08.2011	13:15:34	1219466381	BF39ZP	20013694
W-2CLYTRA	10.08.2011	13:17:03	1219466387	AP73YU	20013694
W-2CLYTRA	10.08.2011	13:21:37	1219466389	AZ13JG	220410
W-2CLYTRA	10.08.2011	13:23:22	1219466391	AV00SO	20013694
W-2CLYTRA	10.08.2011	13:23:52	1219466390	AZ54YF	20018592
W-2CLYTRA	10.08.2011	13:24:30	1219466388	RZX960	20015548
W-2CLYTRA	10.08.2011	13:25:36	1219466392	AC56XB	20001301
W-2CLYTRA	10.08.2011	13:26:05	1219466393	AA66JF	20001301
W-2CLYTRA	10.08.2011	13:27:17	1219466394	AG66LI	20001301
W-2CLYTRA	10.08.2011	13:37:04	1219466395	URM076	20014702
W-2CLYTRA	10.08.2011	13:38:10	1219466397	AW36CB	220010
W-2CLYTRA	10.08.2011	13:39:29	1219466396	AV99JC	20013694
W-2CLYTRA	10.08.2011	13:40:07	1219466398	YTE397	20014091
W-2CLYTRA	10.08.2011	13:43:27	1219466399	ZBG189	20014091
W-2CLYTRA	10.08.2011	13:45:56	1219466400	BD49ZB	20017530
W-2CLYTRA	10.08.2011	13:47:15	1219466401	ZCP691	20014091
W-2CLYTRA	10.08.2011	13:51:55	1219466402	RTJ609	20015548
W-2CLYTRA	10.08.2011	13:53:41	1219466403	URM066	20014702
W-2CLYTRA	10.08.2011	13:56:08	1219466404	BJ59DO	20013694
W-2CLYTRA	10.08.2011	13:56:57	1219466405	AA76JG	20001301
W-2CLYTRA	10.08.2011	13:58:07	1219466406	ZBG181	20014091
W-2CLYTRA	10.08.2011	13:59:59	1219466407	BI54ZO	220010
W-2CLYTRA	10.08.2011	14:01:48	1219466408	ZCP181	220010
W-2CLYTRA	10.08.2011	14:04:25	1219466409	YOT207	20018592
W-2CLYTRA	10.08.2011	14:08:00	1219466410	YBN779	20001301
W-2CLYTRA	10.08.2011	14:15:07	1219466411	AQ16ZR	20015680
W-2CLYTRA	10.08.2011	14:18:14	1219466412	AR09LS	20017081
W-2CLYTRA	10.08.2011	14:20:27	1219466413	AR38AI	20017081
W-2CLYTRA	10.08.2011	14:25:28	1219466415	AG72DK	20013694
W-2CLYTRA	10.08.2011	14:26:16	1219466414	URM240	20014702
W-2CLYTRA	10.08.2011	14:36:10	1219466416	AO13JO	20015680
W-2CLYTRA	10.08.2011	14:37:21	1219466417	AR11LS	20017081
W-2CLYTRA	10.08.2011	14:39:10	1219466418	AR49AI	20017081
W-2CLYTRA	10.08.2011	14:44:41	1219466420	AW77WH	20018592
W-2CLYTRA	10.08.2011	14:45:19	1219466419	AJ63PH	20003072
W-2CLYTRA	10.08.2011	14:53:47	1219466421	AR10LS	20017081
W-2CLYTRA	10.08.2011	14:59:55	1219466423	BE94DJ	20017530
W-2CLYTRA	10.08.2011	15:00:54	1219466422	BE73KP	20017530
W-2CLYTRA	10.08.2011	15:03:18	1219466424	AR21LS	20017081
W-2CLYTRA	10.08.2011	15:03:55	1219466425	AR22LS	20017081
W-2CLYTRA	10.08.2011	15:05:44	1219466426	BE93DJ	20017530
W-2CLYTRA	10.08.2011	15:06:45	1219466427	BE74KO	20017530
W-2CLYTRA	10.08.2011	15:07:17	1219466428	BE57KP	20017530
W-2CLYTRA	10.08.2011	15:11:53	1219466429	WSK335	20017081
W-2CLYTRA	10.08.2011	15:26:33	1219466430	ZEW210	220010
W-2CLYTRA	10.08.2011	15:48:19	1219466431	BE21KN	20017530
W-2CLYTRA	10.08.2011	16:10:56	1219466432	AR14XA	20035616
W-2CLYTRA	10.08.2011	16:41:35	1219466433	YLN839	20018592
W-2CLYTRA	10.08.2011	17:09:49	1219466434	BJ48LR	220130
W-2CLYTRA	10.08.2011	19:46:14	1219466435	AY76VN	220410
W-2CLYTRA	10.08.2011	20:38:09	1219466436	BF85GP	20003072
W-2CLYTRA	10.08.2011	20:50:27	1219466437	ZLD406	20003072
W-2CLYTRA	10.08.2011	20:57:15	1219466438	CAL068	220410
W-2CLYTRA	10.08.2011	22:01:16	1219466439	WATTS	220130

W-2CLYTRA	10.08.2011	22:27:18	1219466440	BI22FV	220130
W-2CLYTRA	10.08.2011	22:50:24	1219466441	WQG927	20041146
W-2CLYTRA	10.08.2011	22:54:49	1219466442	AO80DN	20015599
W-2CLYTRA	10.08.2011	23:24:46	1219466443	AC27HY	220410
W-2CLYTRA	10.08.2011	23:32:46	1219466444	BF85GP	20003072
W-2CLYTRA	10.08.2011	23:36:29	1219466445	AI24JY	20015599
W-2CLYTRA	10.08.2011	23:57:55	1219466446	WTRANS	220130
W-2CLYTRA	10.08.2011	23:58:26	1219466447	WTRANS	220130
W-2CLYTRA	10.08.2011	23:59:02	1219466448	AK39DP	20015548
W-2CLYTRA	10.08.2011	23:59:30	1219466449	GAL203	20015599

Customer Name	Waste Description	Tonnes
Remondis	General Waste Tonne	7.38
Sydney Waste Pty Ltd	General Waste Tonne	4.70
Enfield Bulk	General Waste Tonne	3.06
Dimeo Waste Services Pty Ltd	General Waste Tonne	8.28
United Resource Management	General Waste Tonne	2.68
Sydney Waste Pty Ltd	General Waste Tonne	2.62
Enfield FrontLift	General Waste Tonne	8.50
Enfield RearLift	General Waste Tonne	4.58
Enfield Bulk	General Waste Tonne	1.36
Edco Contracting Group P/L	General Waste Tonne	4.50
Enfield FrontLift	General Waste Tonne	5.96
Enfield FrontLift	General Waste Tonne	5.70
Enfield Bulk	General Waste Tonne	1.92
Enfield RearLift	General Waste Tonne	5.18
Enfield Bulk	General Waste Tonne	6.38
Dimeo Waste Services Pty Ltd	General Waste Tonne	4.54
Ku-ring-gai Council	Council Waste Tonne	2.64
Dimeo Waste Services Pty Ltd	General Waste Tonne	4.88
Edco Contracting Group P/L	General Waste Tonne	10.04
Remondis	General Waste Tonne	2.82
Enfield FrontLift	General Waste Tonne	4.82
Remondis	General Waste Tonne	5.68
Enfield FrontLift	General Waste Tonne	9.48
Remondis	General Waste Tonne	4.92
Hornsby Council	Council Waste Tonne	1.40
Enfield RearLift	General Waste Tonne	5.92
Dimeo Waste Services Pty Ltd	General Waste Tonne	5.38
Edco Contracting Group P/L	General Waste Tonne	5.56
Edco Contracting Group P/L	General Waste Tonne	6.46
Remondis	General Waste Tonne	0.90
Dimeo Waste Services Pty Ltd	General Waste Tonne	1.90
Sydney Waste Pty Ltd	General Waste Tonne	5.84
Enfield Bulk	General Waste Tonne	4.58
Enfield Bulk	General Waste Tonne	1.94
Dimeo Waste Services Pty Ltd	General Waste Tonne	1.60
Enfield RearLift	General Waste Tonne	4.64
Remondis	General Waste Tonne	0.94
Enfield Bulk	General Waste Tonne	5.94
Enfield FrontLift	General Waste Tonne	5.50
Remondis	General Waste Tonne	2.22
Remondis	General Waste Tonne	0.88
Enfield Bulk	General Waste Tonne	1.76
Remondis	General Waste Tonne	2.42
Remondis	General Waste Tonne	0.96
Enfield Bulk	General Waste Tonne	2.96
Enfield Bulk	General Waste Tonne	2.66
Enfield FrontLift	General Waste Tonne	2.72
Edco Contracting Group P/L	General Waste Tonne	4.72
Enfield RearLift	General Waste Tonne	1.12
Edco Contracting Group P/L	General Waste Tonne	5.64
Remondis	General Waste Tonne	4.40
Remondis	General Waste Tonne	6.28

Edco Contracting Group P/L	General Waste Tonne	1.54
Enfield Bulk	General Waste Tonne	2.96
Enfield Bulk	General Waste Tonne	4.14
Ku-ring-gai Council	Council Waste Tonne	2.40
Ku-ring-gai Council	Council Waste Tonne	2.44
Edco Contracting Group P/L	General Waste Tonne	3.42
Enfield FrontLift	General Waste Tonne	7.42
Remondis	General Waste Tonne	7.14
Enfield Bulk	General Waste Tonne	3.96
Enfield RearLift	General Waste Tonne	0.56
JJ Richards & Sons	General Waste Tonne	7.06
Edco Contracting Group P/L	General Waste Tonne	4.64
Enfield FrontLift	General Waste Tonne	3.38
Enfield FrontLift	General Waste Tonne	6.22
Ku-ring-gai Council	Council Waste Tonne	2.04
Dimeo Waste Services Pty Ltd	General Waste Tonne	6.54
Remondis	General Waste Tonne	1.78
Enfield FrontLift	General Waste Tonne	6.90
Strathfield Municipal Council	Council Waste Tonne	2.66
Enfield Bulk	General Waste Tonne	3.00
Edco Contracting Group P/L	General Waste Tonne	1.70
Auburn Council	Council Waste Tonne	8.62
United Resource Management	General Waste Tonne	4.94
Enfield FrontLift	General Waste Tonne	4.66
Auburn Council	Council Waste Tonne	7.98
Enfield Bulk	General Waste Tonne	4.02
United Resource Management	General Waste Tonne	3.08
Ku-ring-gai Council	Council Waste Tonne	0.88
Edco Contracting Group P/L	General Waste Tonne	6.90
Remondis	General Waste Tonne	5.10
Dimeo Waste Services Pty Ltd	General Waste Tonne	3.22
Enfield FrontLift	General Waste Tonne	9.96
Enfield RearLift	General Waste Tonne	6.24
Enfield FrontLift	General Waste Tonne	6.00
Enfield Bulk	General Waste Tonne	4.90
Auburn Council	Council Waste Tonne	3.36
Enfield Bulk	General Waste Tonne	6.58
Strathfield Municipal Council	Council Waste Tonne	5.56
Strathfield Municipal Council	Council Waste Tonne	8.06
Strathfield Municipal Council	Council Waste Tonne	7.42
Dimeo Waste Services Pty Ltd	General Waste Tonne	7.70
Enfield Bulk	General Waste Tonne	2.36
Enfield Bulk	General Waste Tonne	4.14
Edco Contracting Group P/L	General Waste Tonne	6.28
Enfield FrontLift	General Waste Tonne	8.44
JJ Richards & Sons	General Waste Tonne	1.50
Enfield Bulk	General Waste Tonne	6.38
Auburn Council	Council Waste Tonne	2.48
Remondis	General Waste Tonne	11.00
Enfield FrontLift	General Waste Tonne	8.16
JJ Richards & Sons	General Waste Tonne	6.32
Capital City Waste Services	General Waste Tonne	10.08
Enfield FrontLift	General Waste Tonne	11.62
Ku-ring-gai Council	Council Waste Tonne	1.40
Enfield Bulk	General Waste Tonne	3.72
Auburn Council	Council Waste Tonne	5.24

JJ Richards & Sons	General Waste Tonne	7.40
Canterbury City Council	Council Waste Tonne	10.00
Auburn Council	Council Waste Tonne	6.52
Enfield FrontLift	General Waste Tonne	5.12
Ku-ring-gai Council	Council Waste Tonne	2.16
Edco Contracting Group P/L	General Waste Tonne	4.36
Sydney Waste Pty Ltd	General Waste Tonne	2.96
Edco Contracting Group P/L	General Waste Tonne	1.24
Canterbury City Council	Council Waste Tonne	8.46
Ku-ring-gai Council	Council Waste Tonne	6.00
Dimeo Waste Services Pty Ltd	General Waste Tonne	5.88
Sydney Waste Pty Ltd	General Waste Tonne	1.70
JJ Richards & Sons	General Waste Tonne	8.48
Eco Sense Environmental P/L	General Waste Tonne	6.46
Canterbury City Council	Council Waste Tonne	7.78
Auburn Council	Council Waste Tonne	10.40
Enfield RearLift	General Waste Tonne	6.02
United Resource Management	General Waste Tonne	5.26
Ku-ring-gai Council	Council Waste Tonne	6.62
Enfield Bulk	General Waste Tonne	2.50
Enfield Bulk	General Waste Tonne	2.64
Canterbury City Council	Council Waste Tonne	9.72
Enfield Bulk	General Waste Tonne	3.12
Canterbury City Council	Council Waste Tonne	9.78
Edco Contracting Group P/L	General Waste Tonne	3.30
The Hills Shire Council	Council Waste Tonne	7.44
United Resource Management	General Waste Tonne	5.32
Auburn Council	Council Waste Tonne	8.30
Remondis	General Waste Tonne	5.06
Canterbury City Council	Council Waste Tonne	10.40
Hornsby Council	Council Waste Tonne	6.96
The Hills Shire Council	Council Waste Tonne	2.36
The Hills Shire Council	Council Waste Tonne	10.24
Auburn Council	Council Waste Tonne	3.04
Edco Contracting Group P/L	General Waste Tonne	2.16
United Resource Management	General Waste Tonne	6.80
Edco Contracting Group P/L	General Waste Tonne	3.40
Enfield Bulk	General Waste Tonne	7.46
The Hills Shire Council	Council Waste Tonne	9.84
Edco Contracting Group P/L	General Waste Tonne	3.68
Edco Contracting Group P/L	General Waste Tonne	4.06
Enfield Bulk	General Waste Tonne	1.38
The Hills Shire Council	Council Waste Tonne	10.54
The Hills Shire Council	Council Waste Tonne	9.14
Remondis	General Waste Tonne	6.38
United Resource Management	General Waste Tonne	1.34
Ku-ring-gai Council	Council Waste Tonne	8.34
Remondis	General Waste Tonne	9.72
Auburn Council	Council Waste Tonne	2.00
Hornsby Council	Council Waste Tonne	4.30
The Hills Shire Council	Council Waste Tonne	8.28
Enfield FrontLift	General Waste Tonne	0.94
Ku-ring-gai Council	Council Waste Tonne	7.42
Canterbury City Council	Council Waste Tonne	9.28
Enfield RearLift	General Waste Tonne	6.90
Edco Contracting Group P/L	General Waste Tonne	3.74

Edco Contracting Group P/L	General Waste Tonne	3.28
United Resource Management	General Waste Tonne	5.62
Ku-ring-gai Council	Council Waste Tonne	9.50
Ku-ring-gai Council	Council Waste Tonne	8.24
Ku-ring-gai Council	Council Waste Tonne	9.34
Hornsby Council	Council Waste Tonne	8.84
Hornsby Council	Council Waste Tonne	9.62
Hornsby Council	Council Waste Tonne	9.40
Capital City Waste Services	General Waste Tonne	5.90
The Hills Shire Council	Council Waste Tonne	9.70
Auburn Council	Council Waste Tonne	1.00
Enfield Bulk	General Waste Tonne	1.40
JJ Richards & Sons	General Waste Tonne	7.92
United Resource Management	General Waste Tonne	4.56
Canterbury City Council	Council Waste Tonne	10.08
JJ Richards & Sons	General Waste Tonne	7.00
Enfield Bulk	General Waste Tonne	1.72
Enfield FrontLift	General Waste Tonne	5.36
Hornsby Council	Council Waste Tonne	9.54
Enfield RearLift	General Waste Tonne	6.98
Remondis	General Waste Tonne	3.24
Enfield RearLift	General Waste Tonne	7.24
Enfield RearLift	General Waste Tonne	6.66
JJ Richards & Sons	General Waste Tonne	6.84
Auburn Council	Council Waste Tonne	9.70
Enfield FrontLift	General Waste Tonne	5.82
Hornsby Council	Council Waste Tonne	10.20
JJ Richards & Sons	General Waste Tonne	5.42
Enfield FrontLift	General Waste Tonne	7.72
Enfield RearLift	General Waste Tonne	6.62
Hornsby Council	Council Waste Tonne	7.32
Dimeo Waste Services Pty Ltd	General Waste Tonne	3.68
Enfield RearLift	General Waste Tonne	4.36
Enfield FrontLift	General Waste Tonne	6.60
JJ Richards & Sons	General Waste Tonne	5.36
Enfield Bulk	General Waste Tonne	5.90
Edco Contracting Group P/L	General Waste Tonne	2.70
Enfield FrontLift	General Waste Tonne	2.06
Remondis	General Waste Tonne	3.08
Enfield FrontLift	General Waste Tonne	6.78
Enfield FrontLift	General Waste Tonne	2.98
Enfield FrontLift	General Waste Tonne	4.58
Enfield RearLift	General Waste Tonne	2.52
Edco Contracting Group P/L	General Waste Tonne	4.00
Canterbury City Council	Council Waste Tonne	7.84
Auburn Council	Council Waste Tonne	6.30
Remondis	General Waste Tonne	7.18
Auburn Council	Council Waste Tonne	2.52
Canterbury City Council	Council Waste Tonne	10.04
Hornsby Council	Council Waste Tonne	2.92
Enfield RearLift	General Waste Tonne	5.82
United Resource Management	General Waste Tonne	11.26
The Hills Shire Council	Council Waste Tonne	10.60
Enfield RearLift	General Waste Tonne	6.40
Canterbury City Council	Council Waste Tonne	9.36
United Resource Management	General Waste Tonne	2.46

Canterbury City Council	Council Waste Tonne	8.16
Enfield RearLift	General Waste Tonne	2.66
JJ Richards & Sons	General Waste Tonne	6.06
JJ Richards & Sons	General Waste Tonne	7.94
Enfield RearLift	General Waste Tonne	5.38
JJ Richards & Sons	General Waste Tonne	6.76
Remondis	General Waste Tonne	5.34
Sydney Waste Pty Ltd	General Waste Tonne	5.14
Ku-ring-gai Council	Council Waste Tonne	3.16
Ku-ring-gai Council	Council Waste Tonne	3.92
Ku-ring-gai Council	Council Waste Tonne	2.96
United Resource Management	General Waste Tonne	6.34
Enfield FrontLift	General Waste Tonne	6.70
JJ Richards & Sons	General Waste Tonne	6.56
Canterbury City Council	Council Waste Tonne	4.30
Canterbury City Council	Council Waste Tonne	6.90
Hornsby Council	Council Waste Tonne	10.36
Canterbury City Council	Council Waste Tonne	2.76
Sydney Waste Pty Ltd	General Waste Tonne	5.20
United Resource Management	General Waste Tonne	5.88
JJ Richards & Sons	General Waste Tonne	5.82
Ku-ring-gai Council	Council Waste Tonne	3.96
Canterbury City Council	Council Waste Tonne	6.58
Enfield FrontLift	General Waste Tonne	8.34
Enfield FrontLift	General Waste Tonne	3.44
Remondis	General Waste Tonne	1.20
Ku-ring-gai Council	Council Waste Tonne	4.84
Earthpower	General Waste Tonne	6.82
The Hills Shire Council	Council Waste Tonne	5.84
The Hills Shire Council	Council Waste Tonne	8.30
JJ Richards & Sons	General Waste Tonne	5.74
United Resource Management	General Waste Tonne	6.14
Earthpower	General Waste Tonne	7.22
The Hills Shire Council	Council Waste Tonne	10.02
The Hills Shire Council	Council Waste Tonne	6.88
Remondis	General Waste Tonne	7.30
Edco Contracting Group P/L	General Waste Tonne	3.34
The Hills Shire Council	Council Waste Tonne	8.74
Hornsby Council	Council Waste Tonne	4.94
Hornsby Council	Council Waste Tonne	5.30
The Hills Shire Council	Council Waste Tonne	8.46
The Hills Shire Council	Council Waste Tonne	6.08
Hornsby Council	Council Waste Tonne	6.16
Hornsby Council	Council Waste Tonne	7.80
Hornsby Council	Council Waste Tonne	5.50
The Hills Shire Council	Council Waste Tonne	10.22
Enfield FrontLift	General Waste Tonne	4.76
Hornsby Council	Council Waste Tonne	6.34
Charlton Excavation & Demolition Pt	General Waste Tonne	6.60
Remondis	General Waste Tonne	2.14
Enfield Bulk	General Waste Tonne	3.90
Enfield RearLift	General Waste Tonne	5.22
Edco Contracting Group P/L	General Waste Tonne	1.92
Edco Contracting Group P/L	General Waste Tonne	2.94
Enfield RearLift	General Waste Tonne	5.32
Enfield Bulk	General Waste Tonne	3.24

Enfield Bulk	General Waste Tonne	3.54
Capital City Waste Services	General Waste Tonne	2.20
Dimeo Waste Services Pty Ltd	General Waste Tonne	3.32
Enfield RearLift	General Waste Tonne	7.50
Edco Contracting Group P/L	General Waste Tonne	1.80
Dimeo Waste Services Pty Ltd	General Waste Tonne	5.80
Enfield Bulk	General Waste Tonne	1.62
Enfield Bulk	General Waste Tonne	3.02
Sydney Waste Pty Ltd	General Waste Tonne	4.40
Dimeo Waste Services Pty Ltd	General Waste Tonne	3.06

Time	Company	Make	Lift Type	Registration	Exhaust Location	L _A Max (dBA)	Impeded Movement	Comments
7:13	Watts Waste	Isuzu	Rear	MT2750	Front Right	74.6	N	
7:15	VES	Mitsubishi	Front	ZCP181	Front Right	77.7	N	
7:21	JJ Richards	Hino	Hook	WWS412	Front Left	78.8	N	
7:27	VES	Volvo	Hook	BI10VG	Front Right	76.5	N	
7:42	VES	Nissan	Rear	AV25CI	Front Right	77.4	N	
7:44	Remondis	Volvo	Front	AB87RM	Front Right	83.8	N	
7:45	JJ Richards	Iveco	Compactor	AZ42EB	Front Right	80.5	N	
7:52	PK Waste	Hino	Rear	PK709	Front Left	76.1	N	
8:00	VES	Volvo	Front	BI54ZO	Front Right	78.1	N	
8:04	VES	Mitsubishi	Rear	AA42JJ	Front Left	69.1	N	Small Truck
8:05	VES	Volvo	Hook	BH02HI	Front Right	76.3	N	
8:08	Auburn Council	Iveco	Side	AY90AM	Front Right	79.4	N	
8:13	JJ Richards	Iveco	Front	BH77MA	Front Right	80.8	N	
8:25	JJ Richards	Iveco	Side	ZAN766	Front Left	77.7	N	
8:31	Auburn Council	Iveco	Side	AY89AM	Front Right	79.6	N	
8:33	VES	Volvo	Front	AW36CB	Front Right	81.3	N	
8:34	VES	Mitsubishi	Rear	AA43JJ	Front Left	74.2	N	Small Truck
8:37	Watts Waste	Volvo	Compactor	ZLD406	Front Right	80.0	N	
8:37	Sydney Waste	Acco	Rear	BK34WI	Front Right	80.2	N	
8:43	Watts Waste	Isuzu	Rear	WVJ721	Front Right	69.9	N	Small Truck
8:44	Gateway Waste	Mitsubishi	Hook	GAL208	Front Left	75.7	N	
8:46	JJ Richards	Iveco	Side	ZBG189	Front Left	78.5	N	
8:47	VES	Iveco	Rear	AC12AE	Front Right	75.5	N	
8:54	JJ Richards	Acco	Front	AC27PU	Front Right	79.9	N	
8:55	Sydney Waste	Nissan	Rear	BD31VB	Front Right	70.7	N	
9:00	Eco Sense Env	-	Rear	AV13RR	Front Right	78.3	N	
9:11	JJ Richards	Hino	Side	ZBG181	Front Right	78.5	N	
9:11	Watts Waste	-	Front	YPK320	Rear Right	77.4	N	
9:12	URM	Acco	Rear	URM236	Front Right	78.1	N	
9:12	VES	Isuzu	Rear	BD97ZZ	Front Right	75.1	N	
9:13	VES	-	Side	AA64JF	Front Right	78.7	N	
9:13	Auburn Council	Iveco	Side	WWW503	Front Right	79.3	N	
9:14	Watts Waste	Acco	Hook	AR14XA	Front Right	71.2	Y	
9:14	VES	Isuzu	Rear	ZBJ555	Front Left	70.1	Y	
9:14	VES	Volvo	Hook	BJ48LR	Front Right	72.1	Y	
9:14	VES	Iveco	Compactor	DCS069	Front Right	74.2	Y	
9:15	JJ Richards	Hino	Side	AH78GX	Front Right	80.3	N	
9:16	JJ Richards	Hino	Side	ZBG190	Front Left	72.0	Y	
9:17	TPI	Iveco	Side	AR11LS	Front Right	72.5	Y	
9:18	Remondis	Hino	Rear	YOT207	Front Right	73.3	Y	
9:20	URM	Iveco	Rear	URM081	Front Right	77.8	N	
9:31	Auburn Council	Iveco	Side	AY75CT	Front Right	74.4	Y	
9:32	JJ Richards	Hino	Side	YVB310	Front Left	77.9	N	
9:33	TPI	Iveco	Rear	AR97WK	Front Right	73.5	Y	
9:34	TPI	Iveco	Rear	BE11HT	Front Right	78.4	N	
9:35	TPI	Iveco	Side	AR10LS	Front Right	76.9	N	
9:38	Auburn Council	Nissan	Rear	AV25CI	Front Right	70.6	Y	Small Truck
9:40	Watts Waste	Isuzu	Rear	XHK462	Front Right	72.8	N	Small Truck
9:42	URM	Iveco	Rear	YES468	Front Right	76.4	N	
9:45	Watts Waste	Isuzu	Rear	AW38FZ	Front Right	78.0	N	
9:47	VES	Volvo	Hook	BE69DG	Front Right	77.9	N	
9:47	Watts Waste	Scania	Hook	WVH351	Front Right	71.8	Y	
9:52	TPI	Iveco	Side	AR21LS	Front Right	83.2	N	
9:56	Watts Waste	Volvo	Rear	AQ78QF	Front Left	83.3	N	
9:59	VES	Acco	Hook	TNW545	Front Right	81.4	N	
10:05	Remondis	Mitsubishi	Rear	AZ80TU	Front Right	77.1	N	
10:06	TPI	Iveco	Side	AR09LS	Front Right	80.8	N	
10:08	TPI	Iveco	Side	AR38AI	Front Right	82.6	N	
10:09	URM	Isuzu	Rear	URM229	Front Left	70.1	Y	
10:13	Remondis	Mitsubishi	Front	AW77WH	Front Right	77.7	N	
10:15	Auburn Council	Iveco	Rear	AB90AN	Front Right	75.2	N	Small Truck
10:15	VES	Iveco	Side	AA66JF	Front Right	78.4	N	
10:16	TPI	Iveco	Rear	BE15HT	Front Right	79.2	N	
10:17	TPI	Iveco	Side	AR49AI	Front Right	74.7	Y	
10:18	VES	Volvo	Front	AW16CY	Front Right	74.8	Y	
10:20	VES	Iveco	Rear	AA80JI	Front Right	75.5	Y	
10:20	VES	Iveco	Side	YBN779	Front Right	73.5	Y	

Time	Company	Make	Lift Type	Registration	Exhaust Location	L _A Max (dBA)	Impeded Movement	Comments
10:23	PK Waste	Hino	Rear	PK705	Front Left	74.1	Y	
10:27	JJ Richards	Hino	Side	YTE397	Front Left	76.2	N	
10:27	Watts Waste	-	Rear	BK54YO	Front Right	75.5	N	
10:32	URM	Iveco	Rear	URM233	Front Right	77.2	N	
10:35	VES	Iveco	Side	AG66LI	Front Right	81.5	N	
10:35	VES	Iveco	Side	AC56XB	Front Right	78.9	N	
10:35	VES	Iveco	Side	AA76JG	Front Right	75.6	N	
10:36	TPI	Iveco	Side	BE93DJ	Front Right	75.7	Y	
10:36	TPI	Iveco	Side	BE74KO	Front Right	77.6	N	
10:40	Capital City	Iveco	Rear	AB30BI	Front Right	73.1	Y	
10:45	TPI	Iveco	Side	BE21KN	Front Right	78.8	N	
10:46	TPI	Iveco	Side	AR22LS	Front Right	78.2	N	
10:46	Auburn Council	Nissan	Rear	AV25CI	Front Right	72.1	Y	
10:47	URM	-	Rear	BG62CA	Front Right	74.4	Y	
10:49	VES	Acco	Hook	TNW545	Front Right	78.5	N	
10:49	JJ Richards	Iveco	Rear	AQ85CP	Front Right	75.5	N	
10:54	JJ Richards	Hino	Side	ZCP691	Front Left	76.8	N	
10:57	JJ Richards	-	Hook	WWG620	Front Left	76.2	N	
11:00	VES	Volvo	Hook	BJ48LR	Front Right	75.7	N	
11:00	VES	Iveco	Front	BD18ER	Front Right	74.9	N	
11:01	VES	Iveco	Rear	BD95ZZ	Front Right	70.2	Y	
11:02	TPI	Iveco	Side	BE73KP	Front Right	79.3	N	
11:02	Remondis	Volvo	Front	AB87RM	Front Right	76.7	Y	
11:05	VES	Iveco	Rear	AA52WJ	Front Right	75.1	Y	