

ALS Landfill Emissions Report

Client:	Wollongong City Council	Date:	10/06/2020
Site:	Whytes Gully	Sampler(s)	A Zautsen & Robert DaLio

Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1					Too wet to access
3					Too wet to access
5					Too wet to access
7					Too wet to access
9					Too wet to access
10	1	6184 460	298 180	2.3	
10	2	6184 502	298 215	2.6	
10	3	6184 502	298 245	12.8	
10	4	6184 496	298 272	7.0	
10	5	6184 495	298 305	7.9	
10	6	6184 478	298 348	17.8	
10	7	6184 416	298 352	3.8	
10	8	6184 395	298 363	21.8	

	10	9	6184 370	298 359	24.3	
	10	10	6184 293	298 329	15.4	
	10	11	6184 253	298 291	7.3	
	10	12	6184 260	298 250	20.2	
	10	13	6184 297	298 230	31.8	
	10	14	6184 327	298 203	44.2	
	10	15	6184 348	298 206	1.2	
A		1	6184 301	297 724	20.1	
A		2	6184 305	297 710	12.9	
A		3	6184 311	297 683	4.6	
A		4	6184 313	297 662	5.3	
A		5	6184 316	297 649	4.8	
A		6	6184 320	297 632	2.8	
B						No Access
C		1	6184 330	297 630	2.5	
C		2	6184 338	297 659	3.0	
C		3	6184 348	297 684	2.9	
C		4	6184 358	297 720	3.1	
C		5	6184 355	297 753	4.5	
C		6	6184 344	297 789	5.9	
C		7	6184 337	297 827	12.6	
C		8	6184 333	297 875	18.1	

C	9	6184 348	297 913	38.0	
C	10	6184 372	297 949	41.1	
D	1	6184 379	297 780	1.5	
D	2	6184 379	297 803	1.7	
D	3	6184 383	297 826	1.8	
D	4	6184 385	297 846	1.9	
D	5	6184 388	297 868	2.0	
E	1	6184 405	298 930	3.1	
E	2	6184 407	298 905	3.4	
E	3	6184 409	297 886	2.3	Methane Cage
E	4	6184 410	297 869	2.0	
E	5	6184 406	297 838	2.3	
E	6	6184 403	297 809	2.0	
E	7	6184 400	297 781	1.7	
F	1	6184 413	297 737	5.7	Methane cage
F	2	6184 420	297 753	6.1	
F	3	6184 417	297 751	6.1	
F	4	6184 426	297 772	5.7	
F	5	6184 436	297 831	8.2	
F	6	6184 438	298 855	16.3	
F	7	6184 429	297 969	8.8	
F	8	6184 437	297 936	6.5	

F	9	6184 443	298 896	4.2	
G	1	6184 455	297 802	9.1	
G	2	6184 458	297 819	8.4	
G	3	6184 466	297 842	7.4	
G	4	6184 431	297 803	6.7	
G	5	6184 469	298 862	16.0	
G	6	6184 470	298 887	15.0	Methane Cage
G	7	6184 464	298 912	6.8	
G	8	6184 455	298 947	8.4	Methane Cage
G	9	6184 451	298 980	11.6	
H	1	6184 454	297 016	5.7	
H	2	6184 465	297 988	3.7	
H	3	6184 470	297 967	3.6	
H	4	6184 475	297 946	2.5	Methane Cage
H	5	6184 477	297 927	2.7	
H	6	6184 481	297 901	2.9	
H	7	6184 485	297 866	3.8	
H	8	6184 488	297 839	3.1	Methane Cage
I	1	6184 494	297 819	2.8	
I	2	6184 495	297 841	2.1	Methane Cage
I	3	6184 494	297 866	2.6	
I	4	6184 490	297 892	4.0	

I	5	6184 485	297 922	2.3	
I	6	6184 480	297 951	2.5	
I	7	6184 470	297 996	3.7	
J	1	6184 512	298 011	2.1	
J	2	6184 513	297 995	3.9	
J	3	6184 518	297 979	5.7	
J	4	6184 521	297 956	2.9	
J	5	6184 523	297 936	2.7	
J	6	6184 526	297 913	5.9	
K	1	6184 563	297 984	2.5	
K	2	6184 571	297 973	5.9	
K	3	6184 573	297 956	9.4	
K	4	6184 569	297 930	3.5	
K	5	6184 568	297 905	2.9	
K	6	6184 559	297 884	2.0	
L	1	6184 569	298 006	1.6	
L	2	6184 582	297 987	1.7	
L	3	6184 459	297 953	1.9	
M	1	6184 581	298 036	1.5	

M		2	6184 591	298 014	1.7	
M		3	6184 595	297 004	1.7	
M		4	6184 599	297 993	4.8	
M		5	6184 602	297 980	1.5	
M		6	6184 601	297 967	1.3	
N		1	6184 607	297 968	1.3	
N		2	6184 612	297 974	1.2	
N		3	6184 620	297 988	1.4	
N		4	6184 618	298 002	1.3	
N		5	6184 609	298 002	1.2	
SWERF		1	6183 995	297 994		No access
SWERF		2	6184 011	297 961		No access
Weighbridge		1	6184 042	297 748	2.1	
Crib Room		1	6184 168	297 974	2.0	
Ops Office		1	6184 168	297 974	2.1	
Recycle Centre	Eastern Area				2.3	

Recycle Centre	Western Area			2.1	
Methane Blank (Pre testing)	1			1.6	Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing)	1			1.8	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office	6183 896	297 954		Office Closed
GlennGary Cottage	Front Office	6183 896	297 954	2.1	
GlennGary Cottage	Meeting Room	6183 896	297 954	2.1	
GlennGary Cottage	Operations Room	6183 896	297 954	2.8	
GlennGary Cottage	Kitchen	6183 896	297 954	2.6	
GlennGary Cottage	Hallway	6183 896	297 954	2.4	
GlennGary Cottage	Store	6183 896	297 954	2.5	
GlennGary Cottage	Max reading gardens			2.8	
181 Reddalls Rd, fenceline adjoining landfill	1	6184 607	297 846	3.3	
181 Reddalls Rd, Immediate gardens max value	2	6184 600	297 800	2.0	
181 Reddalls Rd, fenceline adjoining landfill	3	6184 580	297 760	1.9	
181 Reddalls Rd, Immediate gardens max value	4	6184 764	297 735	1.8	
181 Reddalls Rd, fenceline adjoining landfill	5	6184 520	297 698	1.9	

181 Reddalls Rd, Immediate gardens max value	6	6184 529	297 650	2.1	
181 Reddalls Rd, fenceline adjoining landfill	7	6184 500	297 640	2.0	
181 Reddalls Rd, fenceline adjoining landfill	8	6184 500	297 600	2.1	
181 Reddalls Rd, Immediate gardens max value	1				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184 554	298 380		Too wet to access
Comments: Sampling performed in accordance to EPA Environmental Guidelines Solid Waste Landfills, Second Edition, 2016 Gas concentrations are reported as raw values without correction for background concentration.					