

ALS Landfill Emissions Report

Client: Wollongong City Council

Date: 17/12/2021

Site: Whytes Gully

Sampler(s) Robert & Megan

Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				No Access
2	1	6184 123	298 142	1.2	
2	2	6184 139	298 137	1.5	
2	3	6184 152	298 136	1.5	
2	4	6184 162	298 134	1.4	
3	1	6184 129	298 162	2.2	
3	2	6184 146	298 155	4.2	
3	3	6184 161	298 151	2.2	
3	4	6184 178	298 147	1.8	
4	1	6184 186	298 160	2.1	
4	2	6184 164	298 165	1.4	
4	3	6184 147	298 172	1.3	
4	4	6184 132	298 177	0.9	
5	1	6184 194	298 175	2.7	
5	2	6184 176	298 185	2.5	
5	3	6184 160	298 195	2.3	
5	4	6184 139	298 199	2.0	
6	1	6184 206	298 184	1.9	
6	2	6184 190	298 195	3.0	
6	3	6184 168	298 204	3.6	
6	4	6184 150	298 211	2.2	

6	5	6184 136	298 217	3.3	
7	1				No Access, Very Overgrown / Snake hazard /uneven footing, recent rain
8	1				No Access, Very Overgrown / Snake hazard /uneven footing, recent rain
9	1				No Access, Very Overgrown / Snake hazard /uneven footing, recent rain
10	1	6184 450	298 167	1.4	
10	2	6184 492	298 206	1.3	
10	3	6184 502	298 251	1.4	
10	4	6184 495	298 307	1.8	
10	5	6184 470	298 352	1.7	
10	6	6184 415	298 356	15.6	
10	7	6184 371	298 358	3.0	
10	8	6184 318	298 339	6.5	
10	9	6184 261	298 306	2.2	
10	10	6184 287	298 274	8.9	
10	11	6184 356	298 262	1.8	Methane Cage
10	12	6184 372	298 271	1.6	
11	1	6184 255	298 206	1.7	
11	2	6184 272	298 245	1.4	
11	3	6184 289	298 234	3.9	
11	4	6184 311	298 216	5.5	
11	5	6184 332	298 193	5.7	
11	6	6184 352	298 200	2.4	
11	7	6184 363	298 220	1.4	
11	8	6184 348	298 215	74.3	
12	1	6184 382	298 095	12.3	
12	2	6184 358	298 113	12.5	

12	3	6184 313	298 119	17.8	
12	4	6184 279	298 135	5.5	
12	5	6184 271	298 156	10.3	
A	1	6184 306	297 708	17.1	
A	2	6184 310	297 680	2.8	
A	3	6184 309	297 655	2.3	
A	4	6184 316	297 629	0.8	
B	1				NO ACCESS
C	1	6184 331	297 641	1.5	
C	2	6184 351	297 691	1.0	
C	3	6184 358	297 736	0.8	
C	4	6184 343	297 793	0.8	
C	5	6184 336	297 831	2.5	
C	6	6184 333	297 884	6.5	
C	7	6184 375	297 951	1.0	
C	8	6184 400	298 020	0.9	
D	1	6184 388	297 868	1.3	
D	2	6184 386	297 840	1.2	
D	3	6184 384	297 813	0.8	
D	4	6184 379	297 784	1.0	
D	5	6184 371	297 753	0.8	
E	1	6184 398	297 791	1.0	
E	2	6184 403	297 815	1.2	
E	3	6184 404	297 838	1.2	
E	4	6184 405	297 859	1.1	
E	5	6184 406	297 879	1.0	Methane Cage
E	6	6184 406	297 908	1.0	

F	1	6184 432	297 952	0.8	
F	2	6184 435	297 922	1.1	
F	3	6184 433	297 894	1.1	
F	4	6184 433	297 857	1.4	
F	5	6184 430	297 799	1.5	
F	6	6184 417	297 755	1.3	
F	7	6184 411	297 736	1.5	
G	1	6184 456	297 802	1.0	
G	2	6184 465	297 838	0.9	
G	3	6184 471	297 888	1.1	Methane Cage
G	4	6184 464	297 922	1.3	
G	5	6184 457	297 961	1.2	
G	6	6184 445	297 987	1.2	
H	1	6184 449	298 030	0.8	
H	2	6184 465	297 984	0.9	
H	3	6184 478	297 943	0.9	Methane Cage
H	4	6184 481	297 902	2.5	
H	5	6184 483	297 870	1.2	
H	6	6184 486	297 837	1.0	Methane Cage
I	1	6184 495	297 806	1.6	
I	2	6184 494	297 842	0.8	
I	3	6184 491	297 894	0.5	
I	4	6184 484	297 938	0.5	
I	5	6184 475	297 976	0.9	
I	6	6184 461	297 022	0.7	
J	1	6184 516	298 003	0.9	
J	2	6184 517	297 980	0.9	
J	3	6184 519	297 960	1.6	

J	4	6184 520	297 933	0.9
J	5	6184 527	297 904	0.8
J	6	6184 532	298 873	1.0
K	1	6184 567	297 899	1.6
K	2	6184 574	297 930	1.2
K	3	6184 574	297 954	69.9
K	4	6184 571	297 976	1.3
K	5	6184 567	298 005	1.0
K	6	6184 562	298 028	0.9
L	1	6184 578	298 032	0.9
L	2	6184 582	297 990	160.0
L	3	6184 585	297 975	3.3
L	4	6184 588	297 958	3.4
L	5	6184 589	297 936	3.7
M	1	6184 592	298 942	3.9
M	2	6184 597	298 955	8.8
M	3	6184 598	298 802	1.3
M	4	6184 598	298 000	50.7
M	5	6184 600	298 028	3.2
M	6	6184 599	298 050	1.8
N	1	6184 615	298 025	1.9
N	2	6184 609	297 999	1.4
N	3	6184 959	297 959	1.3
N	4	6184 593	298 924	4.5
N	5	6184 574	298 891	8.8
N	6	6184 552	298 869	1.8
SWERF	1	6183 995	297 994	0.7

SWERF	2	6184 011	297 961	0.6	
Weighbridge	1	6184 042	297 748	1.1	
Crib Room	1	6184 168	297 974	0.9	
Ops Office	1	6184 168	297 974	1.0	
Recycle Centre	Eastern Area			1.4	
Recycle Centre	Western Area			0.7	
Methane Blank (Pre testing)	1			1.1	Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing)	1			1.1	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office	6183 896	297 954	1.0	
GlennGary Cottage	Front Office	6183 896	297 954	1.0	
GlennGary Cottage	Meeting Room	6183 896	297 954	0.8	
GlennGary Cottage	Operations Room	6183 896	297 954	0.9	
GlennGary Cottage	Kitchen	6183 896	297 954	0.8	
GlennGary Cottage	Hallway	6183 896	297 954	0.9	
GlennGary Cottage	Store	6183 896	297 954	0.8	
GlennGary Cottage	Max reading gardens			0.9	
181 Reddalls Rd, fenceline adjoining landfill	1	6184 607	297846	1.0	
181 Reddalls Rd, Immediate gardens max value	2	6184 600	297800	1.1	
181 Reddalls Rd, fenceline adjoining landfill	3	6184 580	297760	1.0	

181 Reddalls Rd, Immediate gardens max value	4	6184 764	297735	1.0
181 Reddalls Rd, fenceline adjoining landfill	5	6184 520	297698	0.9
181 Reddalls Rd, Immediate gardens max value	6	6184 529	297650	0.6
181 Reddalls Rd, fenceline adjoining landfill	7	6184 500	297640	0.5
181 Reddalls Rd, fenceline adjoining landfill	8	6184 500	297600	0.6
181 Reddalls Rd, Immediate gardens max value	1			0.7
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184 554	298 380	0.7
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184 544	298 337	0.6
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184 552	298 284	0.7
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184 591	298 231	0.7
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184 613	298 178	0.5
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184 634	298 138	0.8
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184 500	298 640	0.7
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184 500	298 600	0.6
Lot 1 Farborough Rd, Immediate gardens max value	1			0.7
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.				

—
—
—

—
—
—