

## ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	7/03/2016
Site:	Whytes Gully			Sampler(s)	Glenn & Craig
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				No access active landfill
1	2				No access active landfill
1	3				No access active landfill
1	4				No access active landfill
1	5				No access active landfill
2	1				No access active landfill
2	2				No access active landfill
2	3				No access active landfill
2	4				No access active landfill
2	5				No access active landfill
3	1				No access active landfill
3	2				No access active landfill
3	3				No access active landfill
3	4				No access active landfill
3	5				No access active landfill
3	6				No access active landfill

3	7				No access active landfill
3	8				No access active landfill
3	9				No access active landfill
5	1	6184192	298107	6.1	Grass Side
5	2	6184231	298078	3.5	Grass Side
5	3	6184295	298072	3.6	Grass Side
5	4	6184330	298070	4.1	Grass Side
5	5	6184335	298068	5.2	Grass Side
5	6	6184340	298065	1.6	Grass Side
5	7	6184346	298061	1.1	Grass Side
5	1	6184342	298058	3.2	Gravel Side Methane Vent
5	2	6184299	298071	7.7	Gravel Side
5	3	6184251	298071	6.8	Gravel Side
5	4	6184217	298090	9.0	Gravel Side Methane Vent
5	5	6184178	298115	4.9	Gravel Side Methane Vent
6	1				
6	2				
6	3				
6	4				
6	5				

6	6				
6	7				
7	1				
7	2				
7	3				
7	4				
8	1	6184217	298138	6.8	Gravel Side
8	2	6184247	298112	5.5	Gravel Side
8	3	6184293	298120	6.7	Gravel Side
8	4	6184322	298116	6.8	Gravel Side
8	5	6184357	298106	3.5	Gravel Side
8	6	6184386	298098	3.3	Gravel Side Methane Vent
8	1	6184213	298180	2.1	Grass Side
8	2	6184197	298187	3.2	Grass Side
8	3	6184175	298200	5.4	Grass Side
8	4	6184156	298207	2.8	Grass Side
8	5	6184138	298215	1.6	Grass Side
8	6	6184130	2982216	11.1	Grass Side

	10	1	6184459	298178	1.2	
	10	2	6184497	298216	1.5	
	10	3	6184490	298265	5.4	
	10	4	6184487	298321	1.3	
	10	5	6184469	298354	31.2	
	10	6	6184403	298363	1.4	
	10	7	6184361	298355	1.8	
A		1	6184302	297913	4.8	
A		2	6184309	297885	5.5	
A		3	6184313	297881	5.8	
A		4	6184300	297836	3.3	
A		5	6184302	297803	3.2	
A		6	6184308	297741	3.3	
A		7	6184308	297702	3.2	
A		8	6184321	297642	3.3	
B		1				No Access
B		2				No Access
B		3				No Access
B		4				No Access
B		5				No Access

					No Access
C	1	6184352	297911	2.7	
C	2	6184338	297889	4.0	
C	3	6184339	297855	2.9	
C	4	6184343	297820	3.9	
C	5	6184352	297784	3.0	
D	1	6184338	297658	2.2	
D	2	6184352	297691	2.5	
D	3	6184360	297744	2.3	
D	4	6184363	297929	3.0	
D	5	6184371	297945	3.3	
D	6	6184378	297964	4.3	
D	7	6184388	297992	3.8	
D	8	6184400	298029	3.7	
E	1	6184399	297779	3.6	
E	2	6184399	297796	3.6	
E	3	6184400	297824	3.3	
E	4	6184403	297855	3.0	
E	5	6184403	297879	4.4	Methane Cage
E	6	6184402	297902	5.5	
	7	6184400	297936	3.6	

F	1	6184417	297956	3.2	
F	2	6184427	297932	3.1	
F	3	6184458	297915	3.2	
F	4	6184435	297880	2.6	
F	5	6184430	297933	3.8	
F	6	6184425	297807	3.0	
F	7	6184425	297780	2.3	
F	8	6184409	297725	2.4	Methane Cage
G	1	6184452	297798	2.4	
G	2	6184456	297824	2.8	
G	3	6184464	297842	3.0	
G	4	6184465	297859	2.3	
G	5	6184467	297881	3.5	Methane Cage
G	6	6184456	297938	3.8	
G	7	6184453	297961	2.3	
H	1	6184484	297843	2.2	Methane Cage
H	2	6184483	297865	2.1	
H	3	6184479	297908	2.1	
H	4	6184470	297949	1.8	Methane Cage
H	5	6184467	297965	2.2	

H	6	6184459	297998	2.0	
I	1	6184455	298020	2.9	
I	2	6184470	297963	2.8	
I	3	6184477	297933	2.5	
I	4	6184486	297980	2.2	
I	5	6184489	297842	2.7	
I	6	6184490	297813	3.9	
J	1	6184524	298025	2.5	
J	2	6184515	280009	4.6	
J	3	6184515	287997	2.8	
J	4	6184516	287986	2.1	
K	4	6184525	297892	2.4	
K	5	6184523	297867	3.3	
K	6	6184522	297837	2.6	
L	1	6184536	297863	2.8	
L	2	6184545	298077	2.8	
L	3	6184566	297960	2.8	
L	4	6184511	297860	3.3	
L	5	6184579	298008	28.1	

L	6	6184587	298031	19.6	
M	1	6184555	297881	3.2	
M	2	6184575	297994	3.5	
M	3	6184575	297917	14.1	
M	4	6184591	297938	7.3	
M	5	6184598	297974	27.3	
M	6	6184604	298021	3.2	
N	1	6184619	298041	2.7	
N	2	6184626	298011	2.6	
N	3	6184622	297981	1.9	
N	4	6184609	297949	7.9	
N	5	6184594	297918	3.0	
N	6	6184581	297894	3.4	
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	3.1	
Crib Room	1	6184168	297974		Demolished



GlennGary Cottage	Managers Office	6183896	297954	2.5	
GlennGary Cottage	Front Office	6183896	297954	2.5	
GlennGary Cottage	Meeting Room	6183896	297954	2.5	
GlennGary Cottage	Operations Room	6183896	297954	2.5	
GlennGary Cottage	Kitchen	6183896	297954	2.5	
GlennGary Cottage	Hallway	6183896	297954	2.8	
GlennGary Cottage	Store	6183896	297954	2.8	
GlennGary Cottage	Max reading gardens	6183896	297954	3.4	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	2.0	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	2.2	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.8	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	2.1	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.3	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	2.0	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.2	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	2.7	
181 Reddalls Rd, Immediate gardens max value	1				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.3	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	2.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	1.8	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.1	

Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	1.6		
Lot 1 Farborough Rd, fence line adjoining landfill	6	6184634	298138	1.6		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	2.9		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	2.8		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	4.1	0.0004	Gas Well Only
LFG MW2	2	6184055	298045	6.3	0.0006	Water/Gas Well
LFG MW3	3	6184062	298198	3.2	0.0003	Gas Well Only
LFG MW4	4	6184093	298257	5.8	0.0006	Water/Gas Well
LFG MW5	5	6184207	298327	4.6	0.0005	Water/Gas Well
LFG MW6	6	6184283	298371	8.3	0.0008	Gas Well Only
LFG MW7	7	6184410	298367	9.2	0.0009	Water/Gas Well
LFG MW8	8	6184408	298369	28.2	0.0028	Gas Well Only
LFG MW9	9	6184465	298370	14.1	0.0014	Gas Well Only
LFG MW10	10	6184492	298344	6.8	0.0007	Gas Well Only
LFG MW11	11	6184503	298294	7.1	0.0007	Gas Well Only
LFG MW12	12	6184511	298232	4.8	0.0005	Gas Well Only