

## ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	28/09/2015
Site:		Whytes Gully			Sampler(s)	Glenn & Jason
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	6184108	298146	3.3	Soil - Eastern Side	
3	2	6184128	298135	2.3	Soil - Eastern Side	
3	3	6184149	298129	70.4	Soil - Eastern Side	
3	4	6184172	298116	11.2	Gravel - Western Side	
3	5	6184196	298103	35.2	Gravel - Western Side	
3	6	6184230	298080	2.2	Gravel - Western Side	

3	7	6184304	298072	7.4	Gravel - Western Side
3	8	6184384	298049	1.8	Gravel - Western Side
4	1				
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
5	1	6184187	298156	8.3	Soil - Eastern Side
5	2	6184163	298165	5.5	Soil - Eastern Side
5	3	6184142	298174	17.4	Soil - Eastern Side
5	4	6184121	298177	5.6	Soil - Eastern Side
6	1				
6	2				
6	3				
6	4				
6	5				
6	6				
6	7				

7	1	6184139	298215	26.2	Soil - Eastern Side
7	2	6184161	298203	47.5	Soil - Eastern Side
7	3	6184178	298195	6.9	Soil - Eastern Side
7	4	6184204	298182	9.6	Soil - Eastern Side
7	5				
8	1				
8	2				
8	3				
8	4				
8	5				
8	6				
9	1	6184354	298193	8.2	Gravel - Western Side
9	2	6184317	298200	7.2	Gravel - Western Side
9	3	6184294	298202	12.9	Gravel - Western Side
9	4	6184285	298205	11.4	Gravel - Western Side
9	5	6184233	298240	5.2	Soil - Eastern Side
9	6	6184191	298233	4.7	Soil - Eastern Side
10	1	6184496	298217	7.4	
10	2	6184490	298261	19.1	

	10	3	6184491	298312	9.6	
	10	4	6184472	298351	11.3	
	10	5	6184472	298354	81.3	
A		1	6184275	297886	2.6	
A		2	6184279	297862	2.8	
A		3	6184281	297848	2.5	
A		4	6184287	297822	2.2	
A		5	6184295	297790	2.5	
A		6	6184360	297764	2.2	
A		7	6184304	297713	1.7	
A		8	6184329	297639	2.1	
B		1				
B		2				
B		3				
B		4				
B		5				
C		1	6184345	297784	1.8	
C		2	6184337	297827	2.2	
C		3	6184333	297879	3.2	

C	4	6184353	297918	2.6	
D	1	6184342	297671	1.5	
D	2	6184357	297716	1.5	
D	3	6184356	297749	2.2	
D	4	6184382	297977	4.9	
D	5	6184397	297019	3.3	
E	1	6184402	297939	3.2	
E	2	6184404	297911	2.8	
E	3	6184405	297873	2.2	Methane Cage
E	4	6184404	297827	2.4	
E	5	6184400	297797	2.9	
E	6	6184399	297786	2.8	
E	7	6184400	297779	3.4	
F	1	6184408	297735	3.3	Methane Cage
F	2	6184426	297784	3.8	
F	3	6184435	297898	3.4	
F	4	6184434	297915	2.7	
F	5	6184429	297932	20.1	
F	6	6184422	297958	3.0	

G	1	6184456	297792	3.3	
G	2	6184461	297826	2.4	
G	3	6184469	297843	2.6	
G	4	6184429	297820	3.8	
G	5	6184435	297857	3.3	
G	6	6184467	297885	3.6	Methane Cage
G	7	6184456	297962	2.9	
H	1	6184452	297811	2.8	
H	2	6184463	297971	2.5	
H	3	6184463	297946	2.6	Methane cage
H	4	6184476	297912	2.9	
H	5	6184481	297867	3.1	
H	6	6184484	297840	2.6	Methane cage
I	1	6184493	298007	4.8	
I	2	6184493	297837	3.0	
I	3	6184491	297871	2.3	
I	4	6184487	297907	2.6	
I	5	6184480	297944	2.4	
I	6	6184474	297974	2.1	
J	1	6184515	298021	3.2	

J	2	6184518	280001	2.6	
J	3	6184518	297989	2.3	
K	1	6184567	298013	1.7	
K	2	6184562	297988	2.3	
K	3	6184555	297965	2.7	
K	4	6184550	297945	1.9	
K	5	6184549	297933	2.2	
K	6	6184548	297921	1.8	
L	1	6184589	298032	1.9	
L	2	6184587	298008	3.2	
L	3	6184587	297983	5.4	
L	4	6184586	297954	8.3	
L	5	6184586	297930	49.3	
L	6	6184578	297910	13.7	
M	1	6184527	297831	2.4	
M	2	6184550	297867	2.6	
M	3	6184572	297893	9.0	
M	4	6184588	297918	24.0	
M	5	6184609	297963	4.3	
M	6	6184623	298010	2.0	

N	1	6184628	298010	1.8	
N	2	6184625	297985	1.8	
N	3	6184612	297964	3.0	
N	4	6184601	297947	10.1	
N	5	6184589	297922	4.5	
N	6	6184584	297889	2.7	
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	1.8	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	2.0	
GlennGary Cottage	Front Office	6183896	297954	2.4	
GlennGary Cottage	Meeting Room	6183896	297954	2.3	
GlennGary Cottage	Operations Room	6183896	297954	2.3	
GlennGary Cottage	Kitchen	6183896	297954	2.2	
GlennGary Cottage	Hallway	6183896	297954	2.4	
GlennGary Cottage	Store	6183896	297954	2.4	
GlennGary Cottage	Max reading gardens	6183896	297954	2.4	



181 Reddalls Rd, fence/line adjoining landfill	1	6184607	297846	1.6	
181 Reddalls Rd, fence/line adjoining landfill	2	6184600	297800	1.6	
181 Reddalls Rd, fence/line adjoining landfill	3	6184580	297760	1.5	
181 Reddalls Rd, fence/line adjoining landfill	4	6184764	297735	1.7	
181 Reddalls Rd, fence/line adjoining landfill	5	6184520	297698	1.6	
181 Reddalls Rd, fence/line adjoining landfill	6	6184529	297650	1.7	
181 Reddalls Rd, fence/line adjoining landfill	7	6184500	297640	1.8	
181 Reddalls Rd, fence/line adjoining landfill	8	6184500	297600	1.7	
181 Reddalls Rd, immediate gardens max value	1				
Lot 1 Farborough Rd, fence/line adjoining landfill	1	6184554	298380	6.3	
Lot 1 Farborough Rd, fence/line adjoining landfill	2	6184544	298337	4.1	
Lot 1 Farborough Rd, fence/line adjoining landfill	3	6184552	298284	1.8	
Lot 1 Farborough Rd, fence/line adjoining landfill	4	6184591	298231	2.4	
Lot 1 Farborough Rd, fence/line adjoining landfill	5	6184613	298178	2.6	
Lot 1 Farborough Rd, fence/line adjoining landfill	6	1684634	298138	2.2	
Lot 1 Farborough Rd, fence/line adjoining landfill	7	6184647	298107	1.8	
Lot 1 Farborough Rd, fence/line adjoining landfill	8	6184666	298061	1.9	
Lot 1 Farborough Rd, immediate gardens max value	1			2.3	
Gas monitoring Wells				ppm	%V/V
LFG MW1	1	6184088	297962	1.7	0.0002
					Gas Well Only

LFG MW2	2	6184055	298045	2.0	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	9.4	0.0009	Gas Well Only
LFG MW4	4	6184093	298257	10.9	0.0011	Water/Gas Well
LFG MW5	5	6184207	298327	33.3	0.0033	Water/Gas Well
LFG MW6	6	6184283	298371	7.0	0.0007	Gas Well Only
LFG MW7	7	6184410	298367	36.9	0.0037	Water/Gas Well
LFG MW8	8	6184408	298369	26.2	0.0026	Gas Well Only
LFG MW9	9	6184465	298370	101.0	0.0101	Gas Well Only
LFG MW10	10	6184492	298344	6.6	0.0007	Gas Well Only
LFG MW11	11	6184503	298294	3.5	0.0004	Gas Well Only
LFG MW12	12	6184511	298232	10.6	0.0011	Gas Well Only