

## ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	13/08/2015
Site:		Whytes Gully			Sampler(s)	Craig & Glenn
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments	
1	1	6184263	298288	28.1		
1	2	6184292	298280	37.2		
1	3	6184311	298275	37.5		
1	4	6184329	298272	14.6		
1	5	6184370	298275	19.6		
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	

4	1	6184373	298112	1.7	
4	2	6184373	298110	2.0	
4	3	6184344	298120	1.2	
4	4	6184301	298127	2.5	
4	5	6184271	298127	2.2	
4	6	6184254	298128	2.6	
4	7	6184227	298140	2.0	
5	1	6184113	298150	1.5	
5	2	6184125	298140	1.6	
5	3	6184136	298134	1.7	
5	4	6184153	298131	1.6	
6	1	6184365	298139	1.8	Gravel North
6	2	6184340	298148	1.8	Gravel North
6	3	6184337	298151	1.6	Gravel North
6	4	6184310	298151	1.6	Gravel North
6	5	6184291	298153	1.9	Gravel North
6	6	6184270	298162	1.5	Gravel North
6	7	6184254	298172	2.2	Gravel North
7	1	6184190	298158	1.6	Grass South
7	2	6184172	298163	1.8	Grass South

7	3	6184161	298167	42.8	Grass South
7	4	6184148	298173	34.9	Grass South
7	5	6184130	298186	5.2	Grass South
8	1	6184386	298157	2.4	Gravel North
8	2	6184365	298164	2.3	Gravel North
8	3	6184344	298167	2.4	Gravel North
8	4	6184322	298168	1.7	Gravel North
8	5	6184300	298171	1.9	Gravel North
8	6	6184269	298183	1.8	Gravel North
9	1	6184206	298184	2.7	Grass South
9	2	6184186	298192	2.5	Grass South
9	3	6184171	298200	2.8	Grass South
9	4	6184156	298207	4.0	Grass South
9	5	6184140	298215	4.7	Grass South
10	1	6184477	298350	4.4	
10	2	6184491	298293	7.1	
10	3	6184491	298268	55.2	
10	4	6184496	298242	29.2	
10	5	6184486	298217	15.2	

A	1	6184275	297892	1.2	
A	2	6184279	297870	1.0	
A	3	6184283	297845	1.0	
A	4	6184293	297807	1.1	
A	5	6184303	297764	1.4	
A	6	6184306	297723	1.4	
A	7	6184309	297683	1.4	
A	8	6184313	297647	1.4	
B	1	6184315	297880	2.2	
B	2	6184315	297890	2.3	
B	3	6184314	297911	2.2	
B	4	6184310	297930	3.4	
B	5	6184308	297956	2.6	
C	1	6184359	297731	1.9	
C	2	6184356	297757	2.0	
C	3	6184346	297759	2.1	
C	4	6184343	297830	2.5	
C	5	6184341	297860	2.4	
C	6	6184347	297899	22.4	
C	7	6184341	297933	2.5	

	8	6184335	297964	2.2	
D	1	6184389	297852	2.2	
D	2	6184385	297822	2.3	
D	3	6184381	297797	2.0	
D	4	6184378	297778	2.2	
D	5	6184369	297756	2.2	
D	6	6184358	297713	2.0	
D	7	6184346	297683	1.9	
D	8	6184328	297641	1.3	
E	1	6184405	297941	1.7	
E	2	6184406	297908	2.2	
E	3	6184407	297875	2.3	
E	4	6184406	297851	2.8	
E	5	6184405	298020	2.3	
E	6	6184403	298001	2.2	
E	7	6184402	297778	2.0	
F	1	6184425	297957	2.2	
F	2	6184436	297922	1.5	
F	3	6184440	297895	1.8	
F	4	6184441	297871	1.8	

F	5	6184438	297847	2.0	
F	6	6184434	297818	1.8	
F	7	6184431	297777	1.7	
	8	6184428	297731	1.6	Methane Cage
G	1	6184463	297788	1.5	
G	2	6184469	297833	1.8	
H	1	6184489	297839	1.8	Methane cage
H	2	6184487	297874	1.6	
H	3	6184482	297915	1.5	
H	4	6184475	297946	1.8	Methane cage
H	5	6184464	297992	1.8	
H	6	6184457	298013	1.9	
I	1	6184468	298011	2.4	
I	2	6184484	297949	2.1	
I	3	6184490	297917	2.2	
I	4	6184495	297881	2.2	
I	5	6184497	297838	2.2	
I	6	6184496	297804	2.8	
J	1	6184513	298033	2.1	

J	2	6184518	280009	1.9	
J	3	6184518	287980	2.0	
J	4	6184524	297875	1.7	
J	5	6184525	297846	1.8	
J	6	6184514	287817	1.8	
K	1	6184591	298041	2.5	
K	2	6184578	298009	2.0	
K	3	6184569	297981	2.3	
K	4	6184557	297946	1.9	
K	5	6184549	297919	1.9	
K	6	6184540	297869	1.8	
L	1	6184614	298041	2.1	
L	2	6184604	297997	2.0	
L	3	6184598	297962	2.8	
L	4	6184591	297931	5.2	
L	5	6184582	297909	2.1	
L	6	6184569	297890	2.6	
M	1	6184625	298036	1.8	
M	2	6184617	297995	2.8	
M	3	6184609	297964	3.0	

M		4	6184599	297934	4.0	
M		5	6184482	297897	30.1	
M		6	6184554	297865	1.6	
N		1	6184632	298010	1.9	
N		2	6184630	297985	2.0	
N		3	6184625	297964	2.0	
N		4	6184616	297947	2.0	
N		5	6184603	297922	2.9	
SWERF		1	6183995	297994		Locked. No Access.
SWERF		1	6184011	297961		Locked. No Access.
Weighbridge		1	6184042	297748	1.9	
Crib Room		1	6184168	297974		Demolished
GlennGary Cottage	Managers Office		6183896	297954	1.9	
GlennGary Cottage	Front Office		6183896	297954	1.7	
GlennGary Cottage	Meeting Room		6183896	297954		In Use
GlennGary Cottage	Operations Room		6183896	297954	1.9	
GlennGary Cottage	Kitchen		6183896	297954	2.0	
GlennGary Cottage	Hallway		6183896	297954	2.1	

GlennGary Cottage	Store	6183896	297954	1.7	
GlennGary Cottage	Max reading gardens	6183896	297954	1.5	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.5	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	1.5	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.7	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	1.9	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.8	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	1.4	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.4	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	1.6	
181 Reddalls Rd, Immediate gardens max value	1			1.9	
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	8.9	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	4.7	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	3.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	3.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	6	1684634	298138	2.9	
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	3.4	
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	2.7	
Lot 1 Farborough Rd, Immediate gardens max value	1			8.9	

Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.6	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	1.7	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	2.1	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	1.6	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	3.3	0.0003	Water/Gas Well
LFG MW6	6	6184283	298371	6.8	0.0007	Gas Well Only
LFG MW7	7	6184410	298367	13.2	0.0013	Water/Gas Well
LFG MW8	8	6184408	298369	14.6	0.0015	Gas Well Only
LFG MW9	9	6184465	298370	13.5	0.0014	Gas Well Only
LFG MW10	10	6184492	298344	2.9	0.0003	Gas Well Only
LFG MW11	11	6184503	298294	4.1	0.0004	Gas Well Only
LFG MW12	12	6184511	298232	11488.0	1.1488	Gas Well Only