

## ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	6/07/2015
Site:	Whytes Gully			Sampler(s)	Craig & Glenn
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
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				No access active landfill
4	2				No access active landfill

4	3				No access active landfill
4	4				No access active landfill
4	5				No access active landfill
4	6				No access active landfill
4	7				No access active landfill
5	1	6184106	298151	3.6	Eastern Side
5	2	6184124	298138	13.3	Eastern Side
5	3	6184146	298132	9.2	Eastern Side
5	4	6184167	298119	6.7	Western Side
5	5	6184197	298103	11.7	Western Side
5	6	6184238	298071	17.5	Western Side
5	7	6184282	298074	14.1	Western Side
5	8	6184333	298068	2.2	Western Side
6	1				
6	2				
6	3				
6	4				
6	5				
6	6				
6	7				

7	1	6184185	298159	5.5	Eastern Side
7	2	6184170	298163	21.4	Eastern Side
7	3	6184151	298171	11.8	Eastern Side
7	4	6184126	298188	2.3	Eastern Side
7	5	6184348	298085	1.8	Western Side
7	6	6184312	298101	2.5	Western Side
7	7	6184274	298103	4.8	Western Side
7	8	6184227	298108	3.3	Western Side
7	9	6184195	298131	5.2	Western Side
8	1	6184142	298217	16.3	Eastern Side
8	2	6184170	298182	19.8	Eastern Side
8	3	6184155	2981191	11.4	Eastern Side
8	4	6184133	298204	60.8	Eastern Side
8	5	6184229	298160	1.8	Western Side
8	6	6184268	298138	2.0	Western Side
8	7	6184309	298136	1.9	Western Side
8	8	6184345	298133	1.9	Western Side
9	1	6184200	298191	11.8	Eastern Side
9	2	6184183	298197	10.8	Eastern Side
9	3	6184163	298206	16.4	Eastern Side
9	4	6184142	298217	50.8	10m from Liner

	9	5	6184368	298156	1.7	Western Side
	9	6	6184328	298180	1.5	Western Side
	9	7	6184284	298191	2.1	Western Side
	9	8	6184262	298198	2.1	Western Side
	10	1	618499	298222	9.2	
	10	2	6184500	298240	6.8	
	10	3	6184494	298263	10.9	
	10	4	614493	298302	14.3	
	10	5	6184476	298352	10.8	
	11	1	6184372	298277	20.1	Top of old landfill
	11	2	6184339	298274	23.9	
	11	3	6184305	298278	19.5	
	11	4	6184258	298292	20.3	
A		1	6184266	297883	2.4	
A		2	6184276	297867	2.6	
A		3	6184281	297843	2.6	
A		4	6184290	297807	2.4	
A		5	6184297	297775	2.2	
A		6	6184302	297728	2.2	

A	7	6184306	297890	2.0	
A	8	6184317	297645	2.2	
Transact B					NO Access Earthmoving Works
C	1	6184354	297739	2.2	
C	2	6184343	297782	1.8	
C	3	6184335	297822	2.3	
C	4	6184332	297859	2.2	
C	5	6184334	297891	1.8	
C	6	6184342	297919	1.7	
C	7	6184338	297843	1.6	
D	1	6184340	297639	2.2	
D	2	6184341	297667	2.3	
D	3	6184355	297715	2.4	
D	4	6184373	297770	1.9	
D	5	6184379	297801	2.8	
D	6	6184383	297830	3.0	
D	7	6184384	297870	2.7	
D	8	6184365	297945	1.6	
E	1	6184401	297945	2.9	
E	2	6184402	297916	3.9	

E	3	6184403	297877	2.6	Methane Cage
E	4	6184403	297851	2.3	
E	5	6184403	297829	1.9	
E	6	6184399	297802	2.2	
E	7	6184397	297775	3.3	
F	1				
F	2	6184418	297967	2.4	
F	3	6184422	297914	2.4	
F	4	6184428	297914	1.7	
F	5	6184433	297888	1.7	
F	6	6184430	297855	1.9	
F	7	6184423	297778	1.8	
	8	6184395	297736	1.5	Methane Cage
G	1	6184457	297786	1.8	
G	2	6184463	297833	1.7	
G	3	6184426	297824	2.1	
G	4	6184469	297878	2.1	
G	5	6184461	297907	2.3	
G	6	6184455	297938	1.8	
G	7	6184452	297961	1.8	

H	1	6184481	297836	1.4	Methane cage
H	2	6184479	297866	1.3	
H	3	6184474	297911	1.6	
H	4	6184467	297946	1.6	Methane cage
H	5	6184457	297985	1.5	
H	6	6184443	298023	1.2	
I	1	6184457	298022	2.2	
I	2	6184476	297958	2.0	
I	3	6184484	297917	1.6	
I	4	6184490	297877	1.7	
I	5	6184491	297841	2.1	
I	6	6184492	297808	8.4	
J	1	6184506	298037	1.9	
J	2	6184511	298010	1.8	
J	3	6184512	287979	2.0	
J	4	6184515	297878	3.1	
J	5	6184516	287862	3.2	
J	6	6184511	287828	3.1	
K	1	6184566	298024	2.4	

K	2	6184552	297993	2.9	
K	3	6184545	297964	2.0	
K	4	6184540	297940	2.4	
K	5	6184537	297917	2.5	
K	6	6184541	297883	3.4	
L	1	6184599	298045	3.8	
L	2	6184591	298011	4.7	
L	3	6184583	297976	12.5	
L	4	6184573	297935	157.0	
L	5	6184562	297897	7.4	
L	6	6184544	297879	2.5	
M	1	6184552	297868	4.8	
M	2	6184574	297898	3.6	
M	3	6184590	297932	27.4	
M	4	6184600	297968	9.8	
M	5	6184610	298003	3.0	
M	6	6184622	298038	3.6	
N	1	6184625	298015	3.2	
N	2	6184623	297984	2.8	
N	3	6184609	297954	3.8	



N	4	6184595	297925	4.4	
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	1.7	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	2.2	
GlennGary Cottage	Front Office	6183896	297954	2.1	
GlennGary Cottage	Meeting Room	6183896	297954	2.4	
GlennGary Cottage	Operations Room	6183896	297954	2.0	
GlennGary Cottage	Kitchen	6183896	297954	2.0	
GlennGary Cottage	Hallway	6183896	297954	2.0	
GlennGary Cottage	Store	6183896	297954	2.0	
GlennGary Cottage	Max reading gardens	6183896	297954	1.9	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	2.2	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	2.6	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.7	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	2.5	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.4	

181 Reddalls Rd, fence line adjoining landfill	6	6184529	297650	2.5		
181 Reddalls Rd, fence line adjoining landfill	7	6184500	297640	2.1		
181 Reddalls Rd, fence line adjoining landfill	8	6184500	297600	2.1		
181 Reddalls Rd, Immediate gardens max value	1			2.1		
Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	5.2		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	4.9		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	5.0		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	5.2		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	3.3		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	9.5		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	1.9		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	1.8		
Lot 1 Farborough Rd, Immediate gardens max value	1			1.6		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.5	0.0003	Gas Well Only
LFG MW2	2	6184055	298045	3.0	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	3.8	0.0004	Gas Well Only
LFG MW4	4	6184093	298257	5.8	0.0006	Water/Gas Well
LFG MW5	5	6184207	298327	11.4	0.0011	Water/Gas Well

LFG MW6	6	6184283	298371	15.0	0.0015	Gas Well Only
LFG MW7	7	6184410	298367	23.8	0.0024	Water/Gas Well
LFG MW8	8	6184408	298369	16.3	0.0016	Gas Well Only
LFG MW9	9	6184465	298370	228.0	0.0228	Gas Well Only
LFG MW10	10	6184492	298344	7.8	0.0008	Gas Well Only
LFG MW11	11	6184503	298294	12.3	0.0012	Gas Well Only
LFG MW12	12	6184511	298232	44.3	0.0044	Gas Well Only