

## ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	14/01/2016
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	6184110	298146	6.00		
2	2	6184128	298138	11.30		
2	3	6184150	298133	12.00		
2	4					
2	5					
3	1	6184128	298179	13.50	Soil Side	
3	2	6184147	298173	3.80	Soil Side	
3	3	6184166	298165	7.70	Soil Side	
3	4	6184186	298158	2.90	Soil Side	
3	5	6184166	298124	14.10	Gravel	
3	6	6184191	298107	22.70	Gravel	

3	7	6184199	298102	14.80	Gravel
3	8	6184280	298077	2.50	Gravel
3	9	6184318	298074	28.30	Gravel
4	1				
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
5	1	6184192	298172	12.80	Soil Side
5	2	6184172	298182	9.50	Soil Side
5	3	6184157	298194	5.50	Soil Side
5	4	6184143	298201	8.30	Soil Side
5	5	6184128	298205	4.70	Soil Side
5	6	6184365	298109	1.00	Gravel
5	7	6184323	298123	1.70	Gravel
5	8	6184260	298129	1.40	Gravel
5	9	6184222	298144	3.20	Gravel
6	1				

6	2				
6	3				
6	4				
6	5				
6	6				
6	7				
7	1	6184213	298174	1.40	
7	2	6184206	298205	1.40	
7	3	6184162	298203	2.10	
7	4	6184141	298212	5.00	
7	5	6184107	298227	11.80	
8	1				
8	2				
8	3				
8	4				
8	5				
8	6				
9	1				
9	2				
9	3				

	9	4				
	9	5				
	10	1	6184471	298224	28.90	
	10	2	6184490	298224	56.10	
	10	3	6184449	298289	6.60	
	10	4	6184493	298314	11.20	
	10	5	6184492	298322	9.00	
A		1	6184271	297895	1.10	
A		2	6184279	297874	1.00	
A		3	6184284	297848	0.90	
A		4	6184290	297809	1.10	
A		5	6184294	297784	0.90	
A		6	6184302	297728	1.10	
A		7	6184305	297648	1.20	
A		8	6184310	297642	1.00	
B		1				No Access
B		2				No Access
B		3				No Access
B		4				No Access

B	5				No Access
					No Access
C	1	6184411	297784	1.40	
C	2	6184352	297720	1.40	
C	3	6184348	297776	1.40	
C	4	6184331	297837	1.30	
C	5	6184330	297888	1.50	
C	6	6184366	297951	1.40	
C	7	6184389	298000	1.50	
C	8	6184414	298058	1.60	
D	1	6184369	297775	1.50	
D	2	6184374	297799	1.50	
D	3	6184378	297826	1.50	
D	4	6184302	297863	1.60	
E	1	6184400	297940	1.10	
E	2	6184401	297904	1.30	
E	3	6184403	297873	1.40	Methane Cage
E	4	6184402	297848	4.60	
E	5	6184399	297813	1.50	
E	6	6184397	297781	1.50	

F	1	6184409	297737	1.00	Methane Cage
F	2	6184425	297789	0.90	
F	3	6184428	297822	0.80	
F	4	6184433	297852	1.20	
F	5	6184435	297891	1.10	
F	6	6184432	297919	1.30	
F	7	6184427	297937	1.00	
F	8	6184419	297960	1.20	
G	1	6184455	297795	0.70	
G	2	6184464	297840	1.70	
G	3	6184468	297888	0.70	
G	4	6184461	297917	1.00	
G	5	6184457	297938	1.10	
G	6	6184454	297953	1.10	
G	7	6184453	297971	1.00	
H	1	6184483	297845	1.20	Methane cage
H	2	6184479	297880	0.80	
H	3	6184471	297926	1.00	
H	4	6184463	297972	0.90	Methane cage
H	5	6184463	297981	1.00	

H	6	6184480	298153	1.30	
I	1	6184492	298009	30.10	
I	2	6184491	297850	1.40	
I	3	6184489	297879	1.30	
I	4	6184484	297914	1.20	
I	5	6184477	297955	1.20	
I	6	6184463	298012	1.20	
J	1	6184513	298034	1.60	
J	2	6184518	298010	1.70	
J	3	6184519	297989	1.60	
J	4	6184525	297897	3.00	
	5	6184521	287867	1.50	
J	6	6184517	287830	1.50	
K	1	6184593	298051	1.90	
K	2	6184583	298022	1.90	
K	3	6184572	297994	1.80	
K	4	6184563	297965	3.00	
K	5	6184551	297932	2.00	
L					

L					
L					
L					
L					
L					
M	1	6184607	298046	1.40	
M	2	6184598	298007	1.30	
M	3	6184591	297970	1.90	
M	4	6184582	297924	9.80	
M	5	6184567	297898	2.70	
M	6	6184551	297874	1.80	
N	1	6184561	297874	1.30	
N	2	6184577	297903	3.50	
N	3	6184588	297918	46.10	
N	4	6184607	297957	31.70	
N	5	6184624	298001	1.30	
N	6	6184626	298039	1.10	
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.

Weighbridge	1	6184042	297748	1.50	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	0.00	Conference in session
GlennGary Cottage	Front Office	6183896	297954	1.40	
GlennGary Cottage	Meeting Room	6183896	297954	1.60	
GlennGary Cottage	Operations Room	6183896	297954	1.50	
GlennGary Cottage	Kitchen	6183896	297954	1.20	
GlennGary Cottage	Hallway	6183896	297954	1.50	
GlennGary Cottage	Store	6183896	297954	1.40	
GlennGary Cottage	Max reading gardens	6183896	297954	1.40	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.60	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	1.50	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.50	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	1.50	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.80	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	1.50	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.40	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	1.50	
181 Reddalls Rd, Immediate gardens max value	1			1.60	

Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	1.00		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	1.40		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	1.30		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	1.20		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	1.10		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	1.10		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	1.20		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	1.20		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.00	0.0001	Gas Well Only
LFG MW2	2	6184055	298045	1.60	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	4.40	0.0004	Gas Well Only
LFG MW4	4	6184093	298257	2.00	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	12.10	0.0012	Water/Gas Well
LFG MW6	6	6184283	298371	6.10	0.0006	Gas Well Only
LFG MW7	7	6184410	298367	10.60	0.0011	Water/Gas Well
LFG MW8	8	6184408	298369	10.00	0.0010	Gas Well Only
LFG MW9	9	6184465	298370	8.80	0.0009	Gas Well Only
LFG MW10	10	6184492	298344	4.20	0.0004	Gas Well Only
LFG MW11	11	6184503	298294	2.30	0.0002	Gas Well Only
LFG MW12	12	6184511	298232	5.00	0.0005	Gas Well Only