

## ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	11/04/2016
Site:		Whytes Gully			Sampler(s)	Glenn & Robert
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					No access active landfill	
3					No access active landfill	
3					No access active landfill	
3					No access active landfill	
3					No access active landfill	
3					No access active landfill	

5	1	6184117	298143	2.50	Grass Side
5	2	6184150	298135	1.90	Grass Side
5	3	6184173	298120	1.50	Gravel Side
5	4	6184222	298087	9.00	Gravel Side
5	5	6184274	298072	2.50	Gravel Side
5	6	6184337	298065	3.20	Gravel Side
6	1				
6	2				
6	3				
6	4				
6	5				
6	6				
6	7				
7	1	6184380	298100	4.0	Gravel Side
7	2	6184338	298114	15.0	Gravel Side
7	3	6184298	298122	7.5	Gravel Side
7	4	6184225	298139	9.3	Gravel Side
7	5	6184186	298161	2.1	Grass Side
7	6	6184173	298148	3.5	Grass Side

8	1				
8	2				
8	3				
8	4				
8	5				
8	6				
9	1				
9	2				
9	3				
9	4				
9	5				
9	6				
10	1	6184483	298202	24.8	
10	2	6184500	298231	9.0	
10	3	6184491	298284	10.1	
10	4	6184477	298353	9.1	
A	1	6184098	297988	2.2	
A	2	6184123	297979	1.8	
A	3	6184188	297802	1.7	

A	4	6184280	297801	1.6	
A	5	6184293	297761	1.6	
A	6	6184296	297723	1.7	
A	7	6184293	297694	2.2	
A	8	6184316	297640	2.2	
B	1				No Access
B	2				No Access
B	3				No Access
B	4				No Access
B	5				No Access
					No Access
C	1	6184340	297811	2.0	
C	2	6184335	297860	2.5	
C	3	6184343	297902	2.5	
C	4	6184371	297944	2.1	
D	1	6184361	297655	2.5	
D	2	6184369	297707	2.3	
D	3	6184356	297760	2.3	
D	4	6184386	297988	2.0	
D	5	6184399	298022	2.3	

D	6	6184418	298055	3.1	
D	7	6184437	297795	1.5	
D	8	6184385	297841	1.7	
E	1	6184402	297938	4.1	
E	2	6184404	297802	2.9	
E	3	6184405	297875	3.1	
E	4	6184404	297832	2.4	
E	5	6184399	297994	2.4	
E	6	6184398	297777	2.3	
F	1				
F	2	6184430	297958	2.5	
F	3	6184430	297935	2.6	
F	4	6184435	297908	2.2	
F	5	6184435	297865	2.1	
F	6	6184428	297827	1.6	
F	7	6184426	297790	1.6	
F	8	6184405	297740	1.5	
G	1	6184454	297803	2.3	
G	2	6184460	297827	2.1	
G	3	6184464	297840	1.9	

G	4	6184468	297857	2.6	
G	5	6184465	297897	2.4	
G	6	6184458	297935	2.4	
G	7	6184455	297966	2.6	
H	1	6184448	297801	4.8	
H	2	6184487	297841	4.8	Methane Cage
H	3	6184481	297907	12.1	
H	4	6184472	297951	33.7	Methane Cage
H	5	6184468	297970	5.7	
H	6	6184455	298013	2.8	
I	1	6184458	298030	3.2	
I	2	6184473	297978	2.8	
I	3	6184483	297929	2.7	
I	4	6184489	297886	2.3	
I	5	6184492	297850	2.5	
I	6	6184493	297809	2.9	
J	1	6184515	298034	3.1	
J	2	6184519	280007	4.0	
J	3	6184520	287988	3.2	
J	4	6184530	297862	2.4	

J	5	6184530	287881	2.3
J	6	6184532	287893	2.4
K	1	6184544	298023	2.5
K	2	6184564	298010	2.9
K	3	6184559	297973	2.4
K	4	6184551	297944	2.1
K	5	6184548	297932	2.1
L	1	6184590	298037	2.1
L	2	6184595	298003	1.9
L	3	6184593	297959	16.9
L	4	6184586	297917	2.5
L	5	6184554	297877	3.6
L	6	6184536	297857	2.4
M	1	6184596	297910	2.2
M	2	6184603	297929	6.0
M	3	6184612	297954	11.6
M	4	6184620	297980	11.0
M	5	6184627	298011	3.7
M	6	6184620	298046	3.3

N		1	6184628	298029	3.0	
N		2	6184630	298003	5.0	
N		3	6184629	297983	4.5	
N		4	6184619	297957	5.9	
N		5	6184605	297933	3.1	
N		6	6184584	297897	4.5	
SWERF		1	6183995	297994		Locked. No Access.
SWERF		1	6184011	297961		Locked. No Access.
Weighbridge		1	6184042	297748	2.5	
Crib Room		1	6184168	297974		Demolished
GlennGary Cottage	Managers Office		6183896	297954	2.4	
GlennGary Cottage	Front Office		6183896	297954	2.3	
GlennGary Cottage	Meeting Room		6183896	297954	2.4	
GlennGary Cottage	Operations Room		6183896	297954	2.4	
GlennGary Cottage	Kitchen		6183896	297954	2.3	
GlennGary Cottage	Hallway		6183896	297954	2.3	
GlennGary Cottage	Store		6183896	297954	2.3	
GlennGary Cottage	Max reading gardens		6183896	297954	2.4	



181 Reddalls Rd, fence line adjoining landfill	1	6184607	297846	2.6		
181 Reddalls Rd, fence line adjoining landfill	2	6184600	297800	2.3		
181 Reddalls Rd, fence line adjoining landfill	3	6184580	297760	2.2		
181 Reddalls Rd, fence line adjoining landfill	4	6184764	297735	2.5		
181 Reddalls Rd, fence line adjoining landfill	5	6184520	297698	1.8		
181 Reddalls Rd, fence line adjoining landfill	6	6184529	297650	2.0		
181 Reddalls Rd, fence line adjoining landfill	7	6184500	297640	2.6		
181 Reddalls Rd, fence line adjoining landfill	8	6184500	297600	2.3		
181 Reddalls Rd, Immediate gardens max value	1					
Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	3.2		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	2.9		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	4.1		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	3.8		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	3.6		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	2.9		
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	3.2	0.0003	Gas Well Only
LFG MW2	2	6184055	298045	3.0	0.0003	Water/Gas Well

LFG MW3	3	6184062	298198	2.9	0.0003	Gas Well Only
LFG MW4	4	6184093	298257	4.5	0.0005	Water/Gas Well
LFG MW5	5	6184207	298327	3.2	0.0003	Water/Gas Well
LFG MW6	6	6184283	298371	3.4	0.0003	Gas Well Only
LFG MW7	7	6184410	298367	16.0	0.0016	Water/Gas Well
LFG MW8	8	6184408	298369	6.1	0.0006	Gas Well Only
LFG MW9	9	6184465	298370	11.0	0.0011	Gas Well Only
LFG MW10	10	6184492	298344	4.9	0.0005	Gas Well Only
LFG MW11	11	6184503	298294	4.3	0.0004	Gas Well Only
LFG MW12	12	6184511	298232	4.0	0.0004	Gas Well Only