

## ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	10/08/2016 - 11/08/2016
Site:	Whytes Gully			Sampler(s)	Craig, Rob & glenn
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				Existing Works
1	2				Existing Works
1	3				Existing Works
1	4				Existing Works
1	5				Existing Works
2	1				Existing Works
2	2				Existing Works
2	3				Existing Works
2	4				Existing Works
2	5				Existing Works
3	1	6184112	298153	10.90	
3	2	6184124	298141	6.80	
3	3	6184137	298137	3.20	
3	4	6184151	298133	11.20	
4	1	6184183	298160	3.80	

4	2	6184171	298165	11.10	
4	3	6184156	298170	6.60	
4	4	6184142	298177	15.70	
4	5	6184125	298179	29.80	
5	1	6184212	298143	17.50	Gravel Side
5	2	6184224	298140	20.20	Gravel Side
5	3	6184247	298131	14.50	Gravel Side
5	4	6184266	298127	6.00	Gravel Side
5	5	6184303	298123	4.20	Gravel Side
5	6	6184340	298116	5.50	Gravel Side
6	1	6184200	298173	2830.0	TM SOUTH 21.1 TM NORTH 51.9
6	2	6184185	298177	17.0	
6	3	6184161	298196	80.0	
6	4	6184147	298200	16.8	
6	5	6184132	298207	7.8	
7	1	6184220	298182	8.1	
7	2	6184196	298188	6.8	
7	3	6184176	298198	12.0	
7	4	6184156	298207	9.7	
7	5	6184139	298215	55.0	

8	1	6184340	298115	9.6	Gravel	
8	2	6184334	298146	2.8	Gravel	
8	3	6184300	298145	4.2	Gravel	
8	4	6184276	298154	4.5	Gravel	
8	5	6184254	298160	3.9	Gravel	
8	6	6184236	298168	1.9	Gravel	
9	1					
9	2					
9	3					
9	4					
9	5					
9	6					
10	1	6184505	298223	290.0		
10	2	6184501	298251	244.0		
10	3	6184495	298288	60.0		
10	4	6184495	298317	10.6		
10	5	6184483	298346	10.0		
A	1	6184275	297893	1.5		

A	2	6184278	297875	1.6	
A	3	6184283	297845	1.8	
A	4	6184290	297809	1.8	
A	5	6184301	297770	2.0	
A	6	6184307	297721	2.3	
A	7	6184312	297677	2.2	
A	8	6184325	297627	2.4	
B	1				
B	2				
B	3				
B	4				
B	5				
C	1	6184361	297726	1.9	
C	2	6184354	297764	2.3	
C	3	6184343	297805	2.7	
C	4	6184337	297852	4.8	
C	5	6184338	297890	1.9	
D	1	6184334	297642	2.2	
D	2	6184345	297673	1.9	

D	3	6184359	297712	2.1	
D	4	6184370	297758	2.2	
D	5	6184376	297776	2.4	
D	6	6184380	297805	4.0	
D	7	6184386	297849	2.3	
E	1	6184405	297937	4.8	
E	2	6184404	297915	2.9	
E	3	6184405	297889	3.3	
E	4	6184405	297874	2.4	Methane Cage
E	5	6184403	297833	2.6	
E	6	6184399	297802	2.6	
E	7	6184398	297780	2.1	
F	1	6184423	297956	3.5	
F	2	6184428	297946	2.8	
F	3	6184431	297936	2.4	
F	4	6184437	297907	1.1	
F	5	6184439	297878	2.0	
F	6	6184432	297827	1.2	
F	7	6184428	297785	1.4	
F	8	6184412	297737	1.3	

G	1	6184456	297794	1.5	
G	2	6184455	297807	1.4	
G	3	6184461	297822	1.2	
G	4	6184471	297844	1.1	
G	5	6184472	297865	2.0	
G	6	6184471	297886	2.0	
G	7	6184459	297950	1.8	
H	1	6184452	298021	1.5	
H	2	6184464	297987	1.8	
H	3	6184473	297950	1.8	Methane Cage
H	4	6184483	297890	2.0	
H	5	6184486	297844	2.0	Methane Cage
H	6	6184486	297804	2.0	
I	1	6184493	297807	2.3	
I	2	6184493	297829	1.8	
I	3	6184493	297857	1.9	
I	4	6184489	297402	1.9	
I	5	6184479	297961	2.0	
I	6	6184462	298020	1.5	
J	1	6184518	298038	1.3	

J	2	6184518	290022	2.4	
J	3	6184521	298009	2.3	
J	4	6184521	297991	2.4	
K	1	6184521	297862	1.4	
K	2	6184526	297896	1.4	
K	3	6184552	297987	1.4	
K	4	6184555	298000	1.4	
K	5	6184562	298008	2.2	
K	6	6184559	298022	4.2	
L	1	6184535	297873	1.9	
L	2	6184578	297951	5.0	
L	3	6184588	297975	2.0	
L	4	6184604	298021	2.6	
L	5	6184601	298041	1.6	
L	6	6184601	298059	3.8	
M	1	6184583	297906	8.0	
M	2	6184596	297927	20.1	
M	3	6184624	298008	2.7	
M	4	6184626	298029	1.7	
M	5	6184618	298059	2.6	

M	6				
N	1				
N	2				
N	3				
N	4				
N	5				
N	6				
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	2.2	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	1.5	
GlennGary Cottage	Front Office	6183896	297954	1.4	
GlennGary Cottage	Meeting Room	6183896	297954	1.6	
GlennGary Cottage	Operations Room	6183896	297954	1.5	
GlennGary Cottage	Kitchen	6183896	297954	1.8	
GlennGary Cottage	Hallway	6183896	297954	1.6	
GlennGary Cottage	Store	6183896	297954	1.6	



GlennGary Cottage	Max reading gardens	6183896	297954	1.8	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.4	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	1.5	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.6	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	1.6	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.3	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	1.5	
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				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380		
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337		
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	1684634	298138		
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107		
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061		
Lot 1 Farborough Rd, Immediate gardens max value	1				
Gas monitoring Wells				ppm	%V/V

LFG MW1	1	6184088	297962	2.1	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	2.5	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	2.7	0.0003	Gas Well Only
LFG MW4	4	6184093	298257	5.1	0.0005	Water/Gas Well
LFG MW5	5	6184207	298327	10.9	0.0011	Water/Gas Well
LFG MW6	6	6184283	298371	23.5	0.0024	Gas Well Only
LFG MW7	7	6184410	298367	23.0	0.0023	Water/Gas Well
LFG MW8	8	6184408	298369	35.0	0.0035	Gas Well Only
LFG MW9	9	6184465	298370	13.8	0.0014	Gas Well Only
LFG MW10	10	6184492	298344	6.0	0.0006	Gas Well Only
LFG MW11	11	6184503	298294	3.7	0.0004	Gas Well Only
LFG MW12	12	6184511	298232	140.0	0.0140	Gas Well Only