

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	14/11/2016
Site:	Whytes Gully			Sampler(s)	Glenn & Rob
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	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
3					No access active landfill

4	1	6184133	298113	1.50	Gravel Side
4	2	6184145	298135	1.60	Gravel Side
4	3	6184134	298138	1.60	Gravel Side
4	4	6184121	298143	1.70	Gravel Side
4	5	6184112	298150	1.70	Gravel Side
5	1	6184420	298139	6.50	Gravel Side
5	2	6184248	298128	7.50	Gravel Side
5	3	6184272	298122	3.50	Gravel Side
5	4	6184312	298116	3.30	Gravel Side
5	5	6184334	298107	3.90	Gravel Side
5	6	6184372	298110	5.10	Gravel Side
5	7	6184388	298099	7.20	Gravel Side
5	8	6184188	298158	2.3	Grass Side
5	9	6184173	298163	3.0	Grass Side
5	10	6184153	298170	4.1	Grass Side
5	11	6184142	298175	8.0	Grass Side
5	12	6184125	298177	2.6	Grass Side
7	1	6184371	298133	5.4	Gravel Side
7	2	6184345	298140	4.2	Gravel Side
7	3	6184318	298146	5.5	Gravel Side

7	4	6184273	298151	4.2	Graval Side
7	5	6184255	298158	2.8	Graval Side
7	6	6184236	298166	2.9	Graval Side
7	7	6184217	298179	2.4	Grass Side
7	8	6184196	298187	2.8	Grass Side
7	9	6184178	298196	3.2	Grass Side
7	10	6184157	298206	3.1	Grass Side
7	11	6184141	298214	4.2	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	6184431	298148	3.9	
	10	2	6184480	298203	4.2	
	10	3	6184494	298247	31.3	
	10	4	6184490	298293	4.0	
	10	5	6184478	298341	3.7	
	10	6	6184267	298317	15.2	
	10	7	6184256	298285	54.5	
	10	8	6184297	298269	10.1	
	10	9	6184324	298266	8.6	
A		1	6184273	297881	2.8	
A		2	6184278	297857	3.1	
A		3	6184280	297845	2.7	
A		4	6184288	297804	2.7	
A		5	6184294	297772	2.4	
A		6	6184295	297746	2.4	
A		7	6184303	297694	2.2	
A		8	6184309	297646	2.3	
B		1				No Access
B		2				No Access
B		3				No Access

B	4				No Access
B	5				No Access
C	1	6184323	297628	2.2	
C	2	6184357	297708	2.1	
C	3	6184345	297791	2.1	
C	4	6184335	297871	2.4	
C	5	6148345	297903	2.2	
C	6	6184370	297941	4.9	
C	7	6184389	297992	3.9	
C	8	6184408	298046	2.8	
D	1	6184375	297774	2.8	
D	2	6184380	297795	2.7	
D	3	6184385	297816	3.1	
D	4	6184387	297836	3.2	
D	5	6184386	297855	3.6	
E	1	6184393	297939	4.5	
E	2	6184396	297914	6.6	
E	3	6184402	297871	3.3	Methane Cage
E	4	6184402	297845	4.6	
E	5	6184400	297815	3.5	

E	6	6184397	297795	3.1	
E	7	6184397	297780	3.0	
F	1	6184421	297958	4.7	
F	2	6184430	297936	3.9	
F	3	6184436	297917	4.5	
F	4	6184435	297909	3.2	
F	5	6184436	297884	2.9	
F	6	6184432	297848	3.2	
F	7	6184404	297732	2.9	Methane Cage
G	1	6184454	297793	1.4	
G	2	6184452	297810	1.6	
G	3	6184462	297838	1.9	
G	4	6184466	297859	3.4	
G	5	6184469	297890	3.0	
G	6	6184462	297923	3.1	
G	7	6184459	297962	3.4	
H	1	6184485	297841	1.9	Methane Cage
H	2	6184482	297879	2.0	
H	3	6184477	297924	1.6	
H	4	6184470	297949	1.7	Methane Cage

H	5	6184461	297987	2.3	
H	6	6184450	298021	3.0	
I	1	6184460	298025	3.0	
I	2	6184479	297962	4.5	
I	3	6184489	297908	2.4	
I	4	6184493	297874	2.0	
I	5	6184494	297840	1.9	
I	6	6184493	297807	1.8	
J	1	6184492	298028	3.2	
J	2	6184498	280008	3.5	
J	3	6184501	297968	3.7	
J	4				No Access
J	5				No Access
J	6				No Access
K	1	6184552	298007	4.0	
K	2	6184556	297985	4.8	
K	3	6184569	297967	4.4	
K	4				No Access
K	5				No Access
K	6				No Access

L	1	6184499	297800	4.5	
L	2	6184516	297817	3.6	
L	3	6184535	297857	3.6	
L	4	6184572	297898	4.1	
L	5	6184586	297954	5.7	
	6	6184585	298003	6.9	
L	7	6184587	298026	5.2	
M	1	6184615	298036	3.8	
M	2	6184617	297806	3.3	
M	3	6184593	297925	11.1	
M	4	6184578	297897	12.5	
M	5				No Access
M	6				No Access
N	1				No Access
N	2				No Access
N	3				No Access
N	4				No Access
N	5				No Access
N	6				No Access

SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	3.1	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	3.4	
GlennGary Cottage	Front Office	6183896	297954	3.3	
GlennGary Cottage	Meeting Room	6183896	297954	3.2	
GlennGary Cottage	Operations Room	6183896	297954	3.2	
GlennGary Cottage	Kitchen	6183896	297954	3.3	
GlennGary Cottage	Hallway	6183896	297954	3.2	
GlennGary Cottage	Store	6183896	297954	3.2	
GlennGary Cottage	Max reading gardens	6183896	297954	3.3	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	3.8	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	3.8	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	3.7	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	3.8	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	3.7	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	3.9	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	3.6	

181 Reddalls Rd, fence line adjoining landfill	8	6184500	297600	3.8		
181 Reddalls Rd, Immediate gardens max value	1					
Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	4.1		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	3.6		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	3.6		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	3.3		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	2.8		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	4.3		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	2.1		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	3.6		
Lot 1 Farborough Rd, Immediate gardens max value	1			3.1		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	3.8	0.0004	Gas Well Only
LFG MW2	2	6184055	298045	3.2	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	3.3	0.0003	Gas Well Only
LFG MW4	4	6184093	298257	2.2	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	4.5	0.0005	Water/Gas Well
LFG MW6	6	6184283	298371	3.8	0.0004	Gas Well Only
LFG MW7	7	6184410	298367	26.3	0.0026	Water/Gas Well
LFG MW8	8	6184408	298369	10.3	0.0010	Gas Well Only
LFG MW9	9	6184465	298370	26.8	0.0027	Gas Well Only

LFG MW10	10	6184492	298344	2.4	0.0002	Gas Well Only
LFG MW11	11	6184503	298294	3.0	0.0003	Gas Well Only
LFG MW12	12	6184511	298232	3.9	0.0004	Gas Well Only
