

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	14/12/2016
Site:	Whytes Gully			Sampler(s)	
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	6184116	298145	2.50	Grass Side
3	2	6184134	298138	2.30	Grass Side
3	3	6184139	298135	6.20	Grass Side
3	4	6184151	298133	5.60	Grass Side
4	1				

4	2				
4	3				
4	4				
4	5				
5	1	6184220	298139	25.10	Gravel Side
5	2	6184240	298131	14.90	Gravel Side
5	3	6184273	298123	7.50	Gravel Side
5	4	6184304	298121	5.00	Gravel Side
5	5	6184338	298114	6.90	Gravel Side
5	6	6184365	298105	12.40	Gravel Side
5	7	6184387	618100	70.00	Gravel Side
5	8	6184186	298160	2.4	Grass Side
5	9	6184162	298168	3.9	Grass Side
5	10	6184141	298176	6.9	Grass Side
5	11	6184124	298178	8.2	Grass Side
7	1	6184384	298149	4.5	Gravel Side
7	2	6184360	298138	7.5	Gravel Side
7	3	6184336	298136	6.8	Gravel Side
7	4	6184298	298143	7.1	Gravel Side
7	5	6184283	298147	8.5	Gravel Side
7	6	6184266	298153	7.1	Gravel Side

7	7	6184239	298165	9.5	Graval Side
7	8	6184212	298187	7.6	Grass Side
7	9	6184188	298193	4.8	Grass Side
7	10	6184166	298203	5.0	Grass Side
7	11	6184152	298209	6.6	Grass Side
7	12	6184135	298214	5.3	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	6184471	298189	7.7	
10	2	6184500	298220	11.5	

	10	3	6184496	298258	13.8	
	10	4	6184493	298317	4.7	
	10	5	6184419	298354	24.2	
	10	6	6184291	298331	52.0	
	10	7	6184257	298288	14.5	
	10	8	6184307	298273	10.0	
A		1	6184270	297890	2.3	
A		2	6184277	297861	2.2	
A		3	6184285	297819	2.3	
A		4	6184291	297788	2.5	
A		5	6184302	297724	2.6	
A		6	6184306	297686	2.7	
A		7	6184309	297657	2.5	
B		1				No Access
B		2				No Access
B		3				No Access
B		4				No Access
B		5				No Access
C		1	6184324	297635	2.5	

C	2	6184337	297663	2.7	
C	3	6184354	297710	2.7	
C	4	6184352	297753	3.0	
C	5	6184339	297802	3.1	
C	6	6184338	297899	4.7	
C	7	6184368	297944	2.7	
C	8	6184388	298001	2.8	
D	1	6184374	297777	3.1	
D	2	6184377	297796	2.4	
D	3	6184381	297817	2.6	
D	4	6184384	297837	2.8	
D	5	6184387	297857	2.8	
E	1	6184402	297938	1.7	
E	2	6184404	297905	1.8	
E	3	6184405	297875	1.9	
E	4	6184403	297839	2.1	
E	5	6184399	297809	2.2	
E	6	6184398	297781	2.5	
F	1	6184412	297736	3.4	
F	2	6184429	297784	1.0	

F	3	6184476	297857	0.9	
F	4	6184471	297886	0.9	
F	5	6184465	297912	0.9	
F	6	6184459	297938	0.9	
F	7	6184457	297964	1.0	
G	1	6184455	297793	1.6	
G	2	6184460	297820	1.5	
G	3	6184469	297842	1.5	
G	4	6184430	297813	0.8	
G	5	6184434	297844	0.7	
G	6	6184438	297876	0.7	
G	7	6184423	297956	1.2	
H	1	6184461	297993	2.4	
H	2	6184467	297969	2.2	
H	3	6184470	297958	2.3	Methane Cage
H	4	6184479	297912	2.1	
H	5	6184483	297875	2.1	
H	6	6184486	297846	2.0	Methane Cage
I	1	6184494	297810	3.2	
I	2	6184493	297856	3.5	

I	3	6184489	297896	3.5	
I	4	6184484	297928	3.6	
I	5	6184478	297959	3.8	
I	6	6184464	298013	4.1	
J	1	6184516	298032	4.5	
J	2	6184519	280011	4.2	
J	3	6184518	287995	4.2	
J	4	6184518	287989	4.3	
K	1	6184588	298027	16.2	
K	2	6184575	298001	11.5	
K	3	6184570	297988	4.6	
K	4	6184566	297977	5.1	
K	5	6184523	297959	4.2	
K	6	6184525	297885	3.9	
L	1	6184596	298021	6.8	
L	2	6184588	297987	7.8	
L	3	6184586	297956	16.0	
L	4	6184542	297886	4.4	
L	5	6184531	297864	4.4	
L	6	6184521	297836	4.4	

M	1	6184563	297886	4.6	
M	2	6184584	297911	5.3	
M	3	6184593	297933	12.2	
M	4	6184612	297998	4.4	
M	5	6184621	298008	4.2	
N	1	6184627	298027	4.0	
N	2	6184628	298010	4.1	
N	3	6184623	297982	5.0	
N	4	6184594	297927	12.2	
N	5	6184578	297897	7.1	
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	3.4	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	3.3	
GlennGary Cottage	Front Office	6183896	297954	3.2	
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	3.1	
GlennGary Cottage	Store	6183896	297954	3.0	
GlennGary Cottage	Max reading gardens	6183896	297954	3.2	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	3.5	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	3.5	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	3.4	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	3.4	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	3.3	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	3.4	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	3.3	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	3.5	
181 Reddalls Rd, Immediate gardens max value	1				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	3.2	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	3.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	3.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	3.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	3.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	6	1684634	298138	2.9	
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	3.3	

Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	3.4		
Lot 1 Farborough Rd, Immediate gardens max value	1			3.3		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	3.6	0.0004	Gas Well Only
LFG MW2	2	6184055	298045	0.6	<0.0001	Water/Gas Well
LFG MW3	3	6184062	298198	0.6	<0.0001	Gas Well Only
LFG MW4	4	6184093	298257	2.2	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	2.5	0.0003	Water/Gas Well
LFG MW6	6	6184283	298371	7.5	0.0008	Gas Well Only
LFG MW7	7	6184410	298367	8.3	0.0008	Water/Gas Well
LFG MW8	8	6184408	298369	6.3	0.0006	Gas Well Only
LFG MW9	9	6184465	298370	7.2	0.0007	Gas Well Only
LFG MW10	10	6184492	298344	3.3	0.0003	Gas Well Only
LFG MW11	11	6184503	298294	4.9	0.0005	Gas Well Only
LFG MW12	12	6184511	298232	8.3	0.0008	Gas Well Only