

ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	16/01/2017
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	1	6184142	298134		Grass Side	
3	2	6184135	298136	3.00	Grass Side	
3	3	6184126	298139	4.20	Grass Side	
3	4	6184111	298143	6.20	Grass Side	
3	5	6184115	298141	11.00	Grass Side	

4	1				
4	2				
4	3				
4	4				
4	5				
5	1	6184379	298101	25.00	Gravel Side
5	2	6184354	298108	3.10	Gravel Side
5	3	6184326	298116	8.90	Gravel Side
5	4	6184294	298122	4.30	Gravel Side
5	5	6184259	298124	14.20	Gravel Side
5	6	6184243	298131	4.40	Gravel Side
5	7	6184218	298140	7.50	Gravel Side
5	8	6184187	298159	2.9	Grass Side
5	9	6184170	298165	4.6	Grass Side
5	10	6184156	298170	7.9	Grass Side
5	11	6184141	298175	12.8	Grass Side
5	12	6184123	298178	42.7	Grass Side
5	13	6184116	298170	15.1	Grass Side
7	1	6184241	298166	6.5	Gravel Side
7	2	6184254	298160	7.5	Gravel Side
7	3	6184275	298154	7.5	Gravel Side

7	4	6184315	298149	6.8	Graval Side
7	5	6184331	298148	5.1	Graval Side
7	6	6184357	298140	6.1	Graval Side
7	7	6184375	298122	6.5	Graval Side
7	8	6184199	298171	12.2	Grass Side
7	9	6184198	298189	13.2	Grass Side
7	10	6184197	298179	16.2	Grass Side
7	11	6184179	298197	10.5	Grass Side
7	12	6184178	298198	6.1	Grass Side
7	13	6184138	298218	11.3	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	6184487	298211	16.0	
10	2	6184499	298243	9.4	
10	3	6184493	298285	7.8	
10	4	6184492	298323	4.6	
10	5	6184471	298356	8.0	
10	6	6184288	298327	5.0	
10	7	6184255	298293	10.7	
10	8	6184305	298271	21.0	
10	9	6184329	298270	19.7	
A	1	6184259	297910	3.0	
A	2	6184260	297874	2.5	
A	3	6184280	297824	2.6	
A	4	6184291	297793	2.0	
A	5	6184298	297737	2.1	
A	6	6184303	297702	2.3	
A	7	6184311	297660	2.0	
A	8	6184339	297627	2.2	
B	1				No Access

B	2				No Access
B	3				No Access
B	4				No Access
B	5				No Access
C	1				
C	2				
C	3				
C	4				
C	5				
C	6				
C	7				
C	8				
D	1	6184330	297648	2.0	
D	2	6184347	297689	2.1	
D	3	6184352	297734	2.2	
D	4	6184352	297767	2.0	
D	5	6184339	297804	2.0	
D	6	6184334	297850	2.1	
D	7	6184344	297909	2.1	
D	8	6184392	298003	1.8	

E	1	6184404	297944	2.7	
E	2	6184405	297927	2.8	
E	3	6184406	297907	2.6	
E	4	6184409	297879	2.8	Methane Cage
E	5	6184406	297851	2.8	
E	6	6184404	297825	2.7	
E	7	6184398	297791	2.7	
F	1	6184423	297959	2.9	
F	2	6184434	297928	2.9	
F	3	6184439	297906	2.8	
F	4	6184440	297890	2.7	
F	5	6184432	297839	2.6	
F	6	6184427	297894	2.9	
F	7	6184418	297762	2.3	
F	8	6184406	297736	2.1	
G	1	6184452	297795	2.2	
G	2	6184455	297818	2.0	
G	3	6184464	297842	2.0	
G	4	6184474	297860	2.8	
G	5	6184472	297890	2.5	Methane Cage
G	6	6184460	297930	2.9	

G	7	6184457	297964	2.9	
H	1	6184451	298030	2.0	
H	2	6184462	297991	2.3	
H	3	6184472	297949	2.3	Methane Cage
H	4	6184477	297921	2.4	
H	5	6184482	297878	2.2	
H	6	6184484	297842	2.2	Methane Cage
I	1	6184497	297805	2.4	
I	2	6184493	297835	2.4	
I	3	6184492	297873	2.3	
I	4	6184488	297911	2.1	
I	5	6184482	297945	2.5	
I	6	6184467	299006	2.3	
J	1	6184516	298026	2.1	
J	2	6184518	298019	2.4	
J	3	6184518	298000	2.4	
J	4	6184525	297881	2.6	
J	5	6184523	297862	2.8	
J	6	6184518	287831	2.2	

K	1	6184596	298036	5.1	
K	2	6184578	298004	2.8	
K	3	6184558	297963	2.6	
K	4	6184539	297871	2.6	
K	5	6184524	297839	2.3	
K	6	6184502	297798	2.4	
L	1				NO ACCESS
L	2				NO ACCESS
L	3				NO ACCESS
L	4				NO ACCESS
L	5				NO ACCESS
L	6				NO ACCESS
M	1	6184594	298052	13.5	
M	2	6184587	298033	4.0	
M	3	6184584	297987	25.3	
M	4	6184584	297944	5.3	
M	5	6184579	297917	5.6	
M	5	6184566	297896	4.6	
	6				
N	1	6184584	297907	3.7	
N	2	6184599	297932	9.0	

N	3	6184614	297955	9.8	
N	4	6184622	297996	5.8	
N	5	6184629	298016	3.8	
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	2.1	
Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	2.0	
GlennGary Cottage	Front Office	6183896	297954	2.5	
GlennGary Cottage	Meeting Room	6183896	297954	2.4	
GlennGary Cottage	Operations Room	6183896	297954	2.3	
GlennGary Cottage	Kitchen	6183896	297954	2.2	
GlennGary Cottage	Hallway	6183896	297954	2.3	
GlennGary Cottage	Store	6183896	297954	2.2	
GlennGary Cottage	Max reading gardens	6183896	297954	2.2	
181 Reddalls Rd, fence line adjoining landfill	1	6184607	297846	2.0	
181 Reddalls Rd, fence line adjoining landfill	2	6184600	297800	2.2	
181 Reddalls Rd, fence line adjoining landfill	3	6184580	297760	2.5	

181 Reddalls Rd, fence line adjoining landfill	4	6184764	297735	2.6		
181 Reddalls Rd, fence line adjoining landfill	5	6184520	297698	2.7		
181 Reddalls Rd, fence line adjoining landfill	6	6184529	297650	2.8		
181 Reddalls Rd, fence line adjoining landfill	7	6184500	297640	3.4		
181 Reddalls Rd, fence line adjoining landfill	8	6184500	297600	3.3		
181 Reddalls Rd, Immediate gardens max value	1			2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	2.8		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	3.4		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	3.5		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	3.1		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	2.7		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	2.5		
Lot 1 Farborough Rd, Immediate gardens max value	1			2.1		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.2	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	5.4	0.0005	Water/Gas Well
LFG MW3	3	6184062	298198	3.8	0.0004	Gas Well Only
LFG MW4	4	6184093	298257	3.2	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	7.3	0.0007	Water/Gas Well

LFG MW6	6	6184283	298371	5.3	0.0005	Gas Well Only
LFG MW7	7	6184410	298367	10.2	0.0010	Water/Gas Well
LFG MW8	8	6184408	298369	5.1	0.0005	Gas Well Only
LFG MW9	9	6184465	298370	4.8	0.0005	Gas Well Only
LFG MW10	10	6184492	298344	3.0	0.0003	Gas Well Only
LFG MW11	11	6184503	298294	2.7	0.0003	Gas Well Only
LFG MW12	12	6184511	298232	8.2	0.0008	Gas Well Only