

## ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	9/03/2018
Site:	Whytes Gully			Sampler(s)	Glenn Davies
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				Current cell no access active landfill
2	1				Current cell no access active landfill
3	1				Current cell no access active landfill
4	1				Current cell no access active landfill
5	1				Current cell no access active landfill
6	1				Current cell no access active landfill
7	1				Current cell no access active landfill
8	1				Current cell no access active landfill
9	1				Current cell no access active landfill
2	1	6184302	298242	3.0	Old Cell Eastern Side of Landfill
2	2	6184305	298238	5.1	Old Cell Eastern Side of Landfill
2	3	6184310	298235	6.0	Old Cell Eastern Side of Landfill
2	4	6184318	298231	6.4	Old Cell Eastern Side of Landfill
2	5	6184321	298230	1.5	Old Cell Eastern Side of Landfill
3	1	6184342	298238	5.4	Old Cell Eastern Side of Landfill
3	2	6184332	298241	9.2	Old Cell Eastern Side of Landfill

3	3	6184323	298244	3.6	Old Cell Eastern Side of Landfill
3	4	6184315	298247	3.7	Old Cell Eastern Side of Landfill
3	5	6184306	298252	4.5	Old Cell Eastern Side of Landfill
5	1	6184378	298263	3.8	Old Cell Eastern Side of Landfill
5	2	6184363	298268	2.5	Old Cell Eastern Side of Landfill
5	3	6184351	298272	3.6	Old Cell Eastern Side of Landfill
5	4	6184340	298276	6.5	Old Cell Eastern Side of Landfill
5	5	6184329	298280	11.0	Old Cell Eastern Side of Landfill
5	6	6184315	298281	6.4	Old Cell Eastern Side of Landfill
7	1	6184399	298288	2.1	Old Cell Eastern Side of Landfill
7	2	6184385	298294	2.5	Old Cell Eastern Side of Landfill
7	3	6184374	298299	1.9	Old Cell Eastern Side of Landfill
7	4	6184365	298304	1.7	Old Cell Eastern Side of Landfill
7	5	6184354	298308	2.3	Old Cell Eastern Side of Landfill
7	6	6184336	298317	2.6	Old Cell Eastern Side of Landfill
8	1				
8	2				
8	3				
8	4				
8	5				

8	6				
10	1	6184690	298322	2.2	
10	2	6184688	298350	5.8	
10	3	6184682	298382	1.3	
10	4	6184682	298415	2.2	
10	5	6184668	298449	4.0	
10	6	6184631	298450	18.1	
10	7	6184597	298461	10.4	
10	8	6184566	298460	12.1	
10	9	6184530	298448	19.4	
10	10	6184497	298434	11.6	
10	11	6184463	298416	1.7	
10	12	6184458	298390	13.1	
10	13	6184482	298382	20.2	
10	14	6184521	298371	19.8	
10	15	6184562	298372	11.4	
A	1	6184495	297825	2.0	
A	2	6184498	297794	2.1	
A	3	6184450	297769	2.1	
B	1				No Access

C	1	6184520	297738	1.6	
C	2	6184533	297770	1.9	
C	3	6184546	297800	1.5	
C	4	6184552	297836	1.8	
C	5	6184542	297839	2.0	
C	6	6184453	297913	1.9	
C	7	6184528	297954	1.9	
C	8	6184533	298004	2.0	
C	9	6184560	298042	2.3	
C	10	6184576	298075	2.8	
C	11	6184589	298114	2.3	
D	1	6184582	297964	1.4	
D	2	6184579	297944	1.3	
D	3	6184576	297922	1.4	
D	4	6184573	297904	1.5	
D	5	6184571	297885	1.7	
E	1	6184596	298040	1.8	
E	2	6184597	298024	2.1	
E	3	6184599	298008	1.8	

E	4	6184601	297980	1.6	
E	5	6184600	297958	3.0	Methane Cage
E	6	6184598	297934	1.8	
E	7	6184593	297904	1.9	
F	1	6184602	297841	2.1	Methane Cage
F	2	6184614	297866	2.4	
F	3	6184622	297893	1.6	
F	4	6184625	297923	1.7	
F	5	6184628	297956	2.0	
F	6	6184631	297984	2.1	
F	7	6184628	298012	2.7	
F	8	6184615	298061	2.7	
G	1	6184644	297898	2.0	
G	2	6184650	297924	2.1	
G	3	6184661	297946	2.2	
G	4	6184663	297992	2.9	Methane Cage
G	5	6184656	298015	2.4	
G	6	6184651	298039	2.7	
G	7	6184648	298065	2.5	
H	1	6184681	297947	2.0	Methane Cage

H	2	6184680	297966	1.9	
H	3	6184677	298004	1.5	
H	4	6184669	298054	1.7	Methane Cage
H	5	6184664	298085	2.1	
H	6	6184653	298118	2.0	
I	1	6184686	297913	1.3	
I	2	6184686	297942	1.2	
I	3	6184683	297976	1.3	
I	4	6184676	298026	1.0	
I	5	6184667	298070	4.5	
I	6	6184656	298108	5.5	
J	1				No Access Stockpile Area
K	1				No Access Stockpile Area
L	1				No Access Stockpile Area
M	1				No Access Stockpile Area
N	1				No Access Stockpile Area
SWERF	1	6183995	297994		Locked. No Access.
Weighbridge	1	6184042	297748	1.6	

Crib Room	1	6184168	297974		Demolished
Methane Blank (Pre testing )	1			1.5	Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing )	1			1.6	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office	6183896	297954	1.3	
GlennGary Cottage	Front Office	6183896	297954	1.2	
GlennGary Cottage	Meeting Room	6183896	297954	1.1	
GlennGary Cottage	Operations Room	6183896	297954	1.3	
GlennGary Cottage	Kitchen	6183896	297954	1.6	
GlennGary Cottage	Hallway	6183896	297954	1.3	
GlennGary Cottage	Store	6183896	297954	1.3	
GlennGary Cottage	Max reading gardens	6183896	297954	1.5	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.8	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	2.3	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.4	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	2.8	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.7	

181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	1.4		
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.8		
181 Reddalls Rd, immediate gardens max value	8	6184500	297600	1.9		
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	1.3		
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	0.9		
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	1.0		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	1.2		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	1.1		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	1.4		
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	1.6		
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	1.2		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	6.1	0.0006	Gas Well Only
LFG MW2	2	6184055	298045	5.7	0.0006	Water/Gas Well
LFG MW3	3	6184062	298198	4.3	0.0004	Gas Well Only



LFG MW4	4	6184093	298257	3.2	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	5.6	0.0006	Water/Gas Well
LFG MW6	6	6184283	298371	5.8	0.0006	Gas Well Only
LFG MW7	7	6184410	298367	6.3	0.0006	Water/Gas Well
LFG MW8	8	6184408	298369	2.1	0.0002	Gas Well Only
LFG MW9	9	6184465	298370	12.3	0.0012	Gas Well Only
LFG MW10	10	6184492	298344	11.2	0.0011	Gas Well Only
LFG MW11	11	6184503	298294	8.6	0.0009	Gas Well Only
LFG MW12	12	6184511	298232	4.5	0.0005	Gas Well Only