

## ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	2/05/2018
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	6184303	298239	5.3	Old Cell Eastern Arm
2	2	6184311	298233	6.4	Old Cell Eastern Arm
2	3	6184320	298228	6.4	Old Cell Eastern Arm
3	1	6184301	298250	5.6	Old Cell Eastern Arm
3	2	6184311	298246	6.4	Old Cell Eastern Arm
3	3	6184322	298241	6.0	Old Cell Eastern Arm
3	4	6184335	298238	6.5	Old Cell Eastern Arm

5	1	6184376	298266	12.9	Old Cell Eastern Arm
5	2	6184361	298270	9.3	Old Cell Eastern Arm
5	3	6184346	298276	11.5	Old Cell Eastern Arm
5	4	6184330	298282	28.2	Old Cell Eastern Arm
5	5	6184316	298283	9.6	Old Cell Eastern Arm
7	1	6184397	298288	6.4	Old Cell Eastern Arm
7	2	6184385	298295	5.9	Old Cell Eastern Arm
7	3	6784370	298302	4.5	Old Cell Eastern Arm
7	4	6184356	298309	5.2	Old Cell Eastern Arm
7	5	6184332	298319	35.6	Old Cell Eastern Arm
10	1	6184693	298333	6.7	
10	2	6184687	298389	13.2	
10	3	6184683	298427	10.2	
10	4	6184642	298449	25.7	
10	5	6184599	298461	13.3	
10	6	6184538	298452	32.5	
10	7	6184486	298434	17.8	
10	8	6184450	298400	16.3	
A	1	6184491	297832	3.1	

A	2	6184496	297799	3.6	
A	3	6184499	297779	4.2	
A	4	6184501	297767	4.0	
A	5	6184515	2978735	3.8	
B	1				No Access
C	1	6184529	297758	4.2	
C	2	6184541	297790	4.3	
C	3	6184551	297823	3.6	
C	4	6184549	297855	3.9	
C	5	6184540	297885	9.9	
C	6	6184532	297928	2.7	
C	7	6184528	297981	5.6	
C	8	6184550	298025	27.2	
C	9	6184571	298066	19.1	
C	10	6184589	298117	9.1	
C	11	6184610	298158	9.5	
D	1	6184571	297883	1.3	
D	2	6184573	297901	1.3	
D	3	6184576	297918	1.4	

D	4	6184580	297939	1.3	
D	5	6184582	297957	1.3	
D	6	6184582	927966	1.4	
E	1	6184594	298043	2.2	
E	2	6184595	298027	1.8	
E	3	6184597	298009	1.5	
E	4	6184599	297979	1.4	Methane Cage
E	5	6184598	297955	1.6	
E	6	6184594	297915	1.5	
E	7	6184591	297887	1.2	
F	1	6184603	297839	2.0	
F	2	6184616	297871	2.0	
F	3	6184621	297899	2.0	
F	4	6184625	297928	2.2	
F	5	6184631	297963	2.2	
F	6	6184632	298001	2.5	
F	7	6184620	298037	1.8	
F	8	6184616	298060	2.4	
G	1	6184645	297895	3.3	
G	2	6184649	297918	2.8	

G	3	6184659	297940	3.1	
G	4	6184665	297987	2.6	Methane Cage
G	5	6184658	298013	2.1	
G	6	6184653	298039	2.3	
G	7	6184651	298062	2.2	
H	1	6184650	298121	8.9	
H	2	6184662	298089	1.8	
H	3	6184669	298054	1.4	Methane Cage
H	4	6184674	298028	6.0	
H	5	6184679	297979	4.2	
H	6	6184679	297947	2.9	Methane Cage
I	1	6184686	297911	2.6	
I	2	6184686	297952	1.9	
I	3	6184683	297987	1.3	
I	4	6184680	298028	1.6	
I	5	6184673	298065	1.9	
I	6	6184664	298102	4.0	
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	2.4	
Crib Room		1	6184168	297974		Demolished
Methane Blank (Pre testing )		1			1.4	Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing )		1			1.3	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office		6183896	297954	2.2	
GlennGary Cottage	Front Office		6183896	297954	2.3	
GlennGary Cottage	Meeting Room		6183896	297954	2.1	
GlennGary Cottage	Operations Room		6183896	297954	2.0	
GlennGary Cottage	Kitchen		6183896	297954	2.2	
GlennGary Cottage	Hallway		6183896	297954	2.3	
GlennGary Cottage	Store		6183896	297954	2.0	
GlennGary Cottage	Max reading gardens		6183896	297954	2.1	

181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	2.5	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	2.3	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.3	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	2.3	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.2	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	2.2	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.2	
181 Reddalls Rd, Immediate gardens max value	8	6184500	297600	2.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	2.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	2.3	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.2	
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	2.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	2.8	
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	2.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	2.5	
Lot 1 Farborough Rd, Immediate gardens max value	1			2.3	

Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.8	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	2.3	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	1.7	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	3.2	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	7.9	0.0008	Water/Gas Well
LFG MW6	6	6184283	298371	3.2	0.0003	Gas Well Only
LFG MW7	7	6184410	298367	66.7	0.0067	Water/Gas Well
LFG MW8	8	6184408	298369	13.2	0.0013	Gas Well Only
LFG MW9	9	6184465	298370	20.9	0.0021	Gas Well Only
LFG MW10	10	6184492	298344		0.0000	No Access Overgrown with stinging nettles and lantana
LFG MW11	11	6184503	298294		0.0000	No Access Overgrown with stinging nettles and lantana
LFG MW12	12	6184511	298232		0.0000	No Access Overgrown with stinging nettles and lantana