

ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	11/04/2018
Site:		Whytes Gully			Sampler(s)	Glenn Davies & Rob DaLio
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments	
1	1	6184301	298243	2.80	Old Cell Eastern Arm	
2	1	6184303	298237	3.4	Old Cell Eastern Arm	
3	1	6184318	298230	3.8	Old Cell Eastern Arm	
3	1	6184302	298252	6.1	Old Cell Eastern Arm	
3	2	6184313	298245	4.9	Old Cell Eastern Arm	
3	3	6184329	298240	4.6	Old Cell Eastern Arm	
3	4	6184344	298236	4.7	Old Cell Eastern Arm	
5	1	6184372	298264	7.5	Old Cell Eastern Arm	
5	2	6184354	298270	4.8	Old Cell Eastern Arm	
5	3	6184337	298277	5.6	Old Cell Eastern Arm	
5	4	6184326	298281	4.8	Old Cell Eastern Arm	
5	5	6184313	298282	4.9	Old Cell Eastern Arm	
7	1	6184400	298286	10.0	Old Cell Eastern Arm	
7	2	6184383	298294	8.6	Old Cell Eastern Arm	

7	3	6184369	298301	11.2	Old Cell Eastern Arm
7	4	6184353	298309	6.2	Old Cell Eastern Arm
7	5	6184337	298316	6.5	Old Cell Eastern Arm
10	1	6184640	298279	9.0	
10	2	6184677	298310	45.0	
10	3	6184686	298353	50.0	
10	4	6184683	298417	19.0	
10	5	6184641	298450	31.1	
10	6	6184597	298462	15.0	
10	7	6184540	298453	24.0	
10	8	6184502	298439	100.0	
10	9	6184454	298412	10.2	
A	1	6184494	297825	1.3	
A	2	6184498	297806	1.9	
A	3	6184499	297785	1.7	
A	4	6184501	297764	1.0	
A	5	6184514	297735	1.0	
B	1				No Access
C	1	6184523	297743	1.1	

C	2	6184530	297762	1.2	
C	3	6184544	297799	1.4	
C	4	6184550	297835	1.6	
C	5	6184541	297874	4.8	
C	6	6184530	297928	2.1	
C	7	6184528	297989	1.6	
C	8	6184558	298037	1.8	
C	9	6184573	298074	1.7	
C	10	6184593	298130	1.6	
D	1	6184569	297890	2.2	
D	2	6184572	297905	2.0	
D	3	6184575	297926	2.1	
D	4	6184578	297951	2.4	
D	5	6184579	297962	3.8	
E	1	6184596	298045	2.1	
E	2	6184596	298024	2.1	
E	3	6184598	297996	2.2	
E	4	6184599	297980	1.9	Methane Cage
E	5	6184598	297951	2.8	
E	6	6184597	297928	2.5	

E	7	6184593	297901	2.0	
F	1	6184602	297842	2.1	
F	2	6184616	297873	2.0	
F	3	6184620	297902	1.9	
F	4	6184623	297928	1.8	
F	5	6184628	297958	1.8	
F	6	6184629	298010	2.1	
F	7	6184623	298037	2.5	
F	8	6184619	298058	2.1	
G	1	6184646	297902	1.6	
G	2	6184654	297929	1.6	
G	3	6184662	297951	1.7	
G	4	6184663	297963	1.8	
G	5	6184663	297988	1.9	Methane Cage
G	6	6184665	298019	2.0	
G	7	6184651	298005	25.0	
H	1	6184639	298136	1.9	
H	2	6184658	298101	2.0	
H	3	6184669	298056	5.1	Methane Cage
H	4	6184676	298019	1.6	

H	5	6184678	297980	1.6	
H	6	6184679	297948	1.4	Methane Cage
I	1	6184685	297913	4.5	
I	2	6184686	297960	2.2	
I	3	6184683	297993	2.2	
I	4	6184677	298042	2.3	
I	5	6184667	298086	2.3	
I	6	6184657	298119	2.4	
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	4.4	
Crib Room	1	6184168	297974		Demolished
Methane Blank (Pre testing)	1			1.3	taken at entrance to whytes Gully site before main gate

Methane Blank (Post testing)	1			1.4	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office	6183896	297954	1.7	
GlennGary Cottage	Front Office	6183896	297954	1.8	
GlennGary Cottage	Meeting Room	6183896	297954	1.6	
GlennGary Cottage	Operations Room	6183896	297954	1.8	
GlennGary Cottage	Kitchen	6183896	297954	1.8	
GlennGary Cottage	Hallway	6183896	297954	1.6	
GlennGary Cottage	Store	6183896	297954	1.7	
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	2.1	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.9	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	2.0	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.9	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	2.0	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.0	
181 Reddalls Rd, immediate gardens max value	8	6184500	297600	1.8	

Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.3		
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	2.3		
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	2.3		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.6		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	1.9		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	2.3		
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	2.2		
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	2.2		
Lot 1 Farborough Rd, Immediate gardens max value	1			1.9		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	3.4	0.0003	Gas Well Only
LFG MW2	2	6184055	298045	1.6	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	0.4	0.0000	Gas Well Only
LFG MW4	4	6184093	298257	1.1	0.0001	Water/Gas Well
LFG MW5	5	6184207	298327	5.2	0.0005	Water/Gas Well
LFG MW6	6	6184283	298371	2.7	0.0003	Gas Well Only
LFG MW7	7	6184410	298367	9.9	0.0010	Water/Gas Well

LFG MW8	8	6184408	298369	4.7	0.0005	Gas Well Only
LFG MW9	9	6184465	298370	49.5	0.0050	Gas Well Only
LFG MW10	10	6184492	298344	2.9	0.0003	Gas Well Only
LFG MW11	11	6184503	298294		0.0000	Too Overgrown to access stinging nettles and lantana
LFG MW12	12	6184511	298232		0.0000	Too Overgrown to access stinging nettles and lantana