

ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	14/02/2018
Site:		Whytes Gully			Sampler(s)	Glenn Davies & Jess Foster
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	2.9		
2	2	6184310	298234	2.7		
2	3	6184321	298229	2.6		
3	1	6184344	298238	4.7		
3	2	6184335	298241	8.3		
3	3	6184325	298244	11.3		
3	4	6184314	298248	4.1		

3	5	6184307	298254	4.7	
5	1	6184394	298264	34.3	
5	2	6184374	298268	26.2	
5	3	6184354	298275	16.8	
5	4	6184337	298281	16.5	
5	5	6184319	298283	16.9	
7	1	6184416	298285	6.5	
7	2	6184390	298293	7.0	
7	3	6184379	298298	11.6	
7	4	6184366	298305	59.9	
7	5	6184355	298310	8.2	
7	6	6184335	298319	6.4	
8	1				
8	2				
8	3				
8	4				
8	5				
8	6				
10	1	6184665	298298	5.2	

10	2	6184690	298339	7.2	
10	3	6184681	298378	29.9	
10	4	6184679	298422	6.6	
10	5	6184657	298450	11.0	
10	6	6184605	298459	15.5	
10	7	6184543	298454	41.1	
10	8	6184491	298435	64.2	
10	9	6184449	298401	11.2	
10	10	6184478	298381	39.2	
10	11	6184514	298370	19.9	
A	1	6184492	297824	1.7	
A	2	6184497	297797	1.8	
A	3	6184501	297774	1.8	
A	4	6184515	297733	1.8	
B	1				No Access Construction zone
C	1	6184529	297747	1.8	
C	2	6184540	297776	1.8	
C	3	6184552	297807	1.8	
C	4	6184555	297838	1.9	
C	5	6184546	297872	1.9	

C	6	6184537	297909	2.1	
C	7	6184532	297950	3.1	
C	8	6184530	297983	2.0	
C	9	6184546	298014	50.3	
C	10	6184549	298018	3.5	
C	11	6184575	298067	1.8	
C	12	6184612	298157	1.8	
D	1	6184581	297966	1.6	
D	2	6184579	297952	1.6	
D	3	6184576	297926	1.7	
D	4	6184573	297904	1.5	
D	5	6184569	297882	2.4	
E	1	6184590	297887	2.3	
E	2	6184591	297904	1.6	
E	3	6184595	297930	1.9	
E	4	6184596	297955	1.7	
E	5	6184597	297980	1.7	Methane Cage
E	6	6184595	298020	2.0	
E	7	6184593	298043	1.8	

F	1	6184626	298030	1.8	
F	2	6184621	298048	2.0	
F	3	6184616	298062	1.9	
F	4	6184631	298005	1.7	
F	5	6184629	297955	2.3	
F	6	6184625	297923	4.3	
F	7	6184621	297884	1.7	
F	8	6184604	297840	12.4	Methane Cage
G	1	6184649	297897	1.4	
G	2	6184655	297923	1.4	
G	3	6184663	297948	1.3	
G	4	6184664	297986	1.7	Methane Cage
G	5	6184657	298013	1.8	
G	6	6184652	298041	1.7	
G	7	6184649	298068	1.6	
H	1	6184683	297946	1.5	Methane Cage
H	2	6184683	297964	1.5	
H	3	6184679	298004	1.4	
H	4	6184673	298052	5.7	Methane Cage
H	5	6184669	298076	2.5	
H	6	6184655	298118	1.6	

I	1	6184682	297919	2.2	
I	2	6184683	297962	2.0	
I	3	6184681	297990	1.9	
I	4	6184677	298027	1.9	
I	5	6184669	298068	1.8	
I	6	6184653	298124	1.7	
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	1.7	
Crib Room	1	6184168	297974		Demolished
Methane Blank (Pre testing)	1			1.6	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	1.5	
GlennGary Cottage	Front Office	6183896	297954	1.6	
GlennGary Cottage	Meeting Room	6183896	297954	1.6	
GlennGary Cottage	Operations Room	6183896	297954	1.6	
GlennGary Cottage	Kitchen	6183896	297954	1.6	
GlennGary Cottage	Hallway	6183896	297954	1.6	
GlennGary Cottage	Store	6183896	297954	1.6	
GlennGary Cottage	Max reading gardens	6183896	297954	1.5	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.4	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	1.4	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.4	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	1.4	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.4	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	1.4	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.5	
181 Reddalls Rd, immediate gardens max value	8	6184500	297600	1.5	
Lot 11 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	1.7	
Lot 11 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	1.7	

Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	1.7		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	1.9		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	2.3		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	3.7		
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	2.7		
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	1.7		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.7	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	1.5	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	0.6	0.0001	Gas Well Only
LFG MW4	4	6184093	298257	2.5	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	4.5	0.0005	Water/Gas Well
LFG MW6	6	6184283	298371	3.5	0.0004	Gas Well Only
LFG MW7	7	6184410	298367	7.0	0.0007	Water/Gas Well
LFG MW8	8	6184408	298369	8.3	0.0008	Gas Well Only
LFG MW9	9	6184465	298370	3.0	0.0003	Gas Well Only

LFG MW10	10	6184492	298344	7.1	0.0007	Gas Well Only
LFG MW11	11	6184503	298294	3.2	0.0003	Gas Well Only
LFG MW12	12	6184511	298232	10.1	0.0010	Gas Well Only