

ALS Landfill Emissions Report



Client:	Wollongong City Council	Date:	18/07/2018
Site:	Whytes Gully	Sampler(s)	Glenn Davies & Robert DaLio

Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1	6184305	298240	3.3	
1	1	6184312	298234	2.8	
1	1	6184320	298230	3.5	
3	1	6184307	298252	4.8	
3	2	6184315	298246	4.4	
3	3	6184323	298243	3.4	
3	4	6184332	298240	3.0	
3	5	6184341	298238	3.2	
5	1	6184378	298263	7.9	Old Cell Eastern Arm
5	2	6184364	298267	5.8	Old Cell Eastern Arm
5	3	6184352	298272	4.5	Old Cell Eastern Arm
5	4	6184341	298278	5.3	Old Cell Eastern Arm
5	5	6184332	298281	6.2	Old Cell Eastern Arm
5	6	6184319	298281	4.4	Old Cell Eastern Arm
7	1	6184412	298285	6.9	Old Cell Eastern Arm
7	2	6184397	298290	4.8	Old Cell Eastern Arm
7	3	6184386	298296	10.9	Old Cell Eastern Arm
7	4	6184371	298302	6.4	Old Cell Eastern Arm
7	5	6184358	298308	3.8	Old Cell Eastern Arm
7	6	6184338	298317	4.3	Old Cell Eastern Arm
AI transacts					Current Cell Easter Arm - No Access - Working Cell
10	1	6184542	298380	2.6	
10	2	6184507	298377	3.4	
10	3	6184463	298387	8.2	
10	4	6184464	298417	6.9	
10	5	6184491	298433	9.6	
10	6	6184537	298450	8.1	

10	7	6184580	298464	6.4	
10	8	6184615	298454	6.3	
10	9	6184664	298450	5.2	
10	10	6184683	298412	3.2	
10	11	6184683	298372	2.3	
10	12	6184689	298332	2.3	
10	13	6184662	298298	2.5	
10	14	6184625	298261	2.2	
10	15	6184599	298222	5.0	
A	1	6184504	297757	1.4	
A	2	6184501	297777	1.5	
A	3	6184499	297801	1.9	
A	4	6184496	297824	2.0	
A	5	6184493	297840	1.6	
B	1				No Access
C	1				
C	2				
C	3				
C	4				
C	5				
C	6				
C	7				
C	8				
C	9				
C	10				
D	1	6184570	297881	2.3	
D	2	6184571	297906	2.3	
D	3	6184573	297920	2.5	
D	4	6184576	297937	2.4	
	5	6184579	297952	2.4	
D	6	6184580	297970	2.3	
E	1	6184595	298043	2.2	

E	2	6184596	298021	2.3	
E	3	6184597	298000	2.5	
E	4	6184598	297979	2.4	Methane Cage
E	5	6184597	297956	2.5	
E	6	6184593	297925	2.5	
E	7	6184587	297891	2.6	
<hr/>					
F	1	6184601	297841	2.0	Methane Cage
F	2	6184615	297869	2.0	
F	3	6184622	297901	2.0	
F	4	6184627	297936	2.1	
F	5	6184631	297962	2.1	
F	6	6184632	297998	2.3	
F	7	6184627	298027	2.2	
F	8	6184617	298063	2.4	
<hr/>					
G	1	6184646	297899	1.9	
G	2	6184648	297918	2.0	
G	3	6184655	297932	2.0	
G	4	6184660	297946	1.8	
G	5	6184663	297992	2.6	Methane Cage
G	6	6184655	298025	2.4	
G	7	6184651	298061	2.2	
<hr/>					
H	1	6184647	298127	1.8	
H	2	6184659	298102	1.6	
H	3	6184666	298077	1.9	
H	4	6184672	298054	2.1	Methane Cage
H	5	6184679	298013	2.0	
H	6	6184684	297947	2.0	Methane Cage
H	7	6184681	297909	1.9	
<hr/>					
I	1	6184684	297914	2.3	
I	2	6184685	297941	2.5	
I	3	6184684	297972	2.5	
I	4	6184680	298011	2.6	
I	5	6184672	298061	2.4	
I	6	6184653	298132	2.3	

J		1	6184712	298133	2.4
J		2	6184717	288111	2.4
J		3	6184717	288092	2.5
J		4	6184723	288063	2.4
K		1	6184725	298130	2.2
K		2	6184761	298118	2.3
K		3	6184774	298088	2.3
K		4	6184777	298059	2.4
K		5	6184777	298021	2.7
K		6	6184762	297994	2.2
K		7	6184739	297970	2.3
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	1.8
Crib Room		1	6184168	297974	Demolished
Recycle Centre	Eastern Area				2.0
Recycle Centre	Western Area				1.8
Methane Blank (Pre testing)		1			1.8
					Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing)		1			1.8
					Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office		6183896	297954	2.1
GlennGary Cottage	Front Office		6183896	297954	2.3
GlennGary Cottage	Meeting Room		6183896	297954	1.8
GlennGary Cottage	Operations Room		6183896	297954	1.8
GlennGary Cottage	Kitchen		6183896	297954	2.1
GlennGary Cottage	Hallway		6183896	297954	2.1

GlennGary Cottage	Store	6183896	297954	1.8		
GlennGary Cottage	Max reading gardens	6183896	297954	2.5		
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.9		
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	1.9		
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.0		
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	1.9		
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.0		
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	2.0		
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.4		
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	2.4		
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	1.8		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	1.8		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	2.1		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	2.1		
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	2.4		
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	2.5		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	3.0	0.0003	Gas Well Only
LFG MW2	2	6184055	298045	3.2	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	4.1	0.0004	Gas Well Only
LFG MW4	4	6184093	298257	6.1	0.0006	Water/Gas Well
LFG MW5	5	6184207	298327	5.4	0.0005	Water/Gas Well
LFG MW6	6	6184283	298371	5.6	0.0006	Gas Well Only

LFG MW7	7	6184410	298367	6.5	0.0007	Water/Gas Well
LFG MW8	8	6184408	298369	8.7	0.0009	Gas Well Only
LFG MW9	9	6184465	298370	4.1	0.0004	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