

## ALS Landfill Emissions Report

Client:	Wollongong City Council	Date:	10/01/2018
Site:	Whytes Gully	Sampler(s)	Glenn Davies & Robert Da Lio

Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				Current cell no access active
2	1				Current cell no access active
3	1				Current cell no access active
4	1				Current cell no access active
5	1				Current cell no access active
6	1				Current cell no access active
7	1				Current cell no access active
8	1				Current cell no access active
9	1				Current cell no access active
2	1				Current cell no access active
2	2				Current cell no access active
2	3				Current cell no access active
3	1	6184119	298144	2.0	Old Cell Eastern Arm
3	2	6184131	298139	2.5	Old Cell Eastern Arm
3	3	6184144	298134	2.7	Old Cell Eastern Arm
3	4	6184155	298131	7.6	Old Cell Eastern Arm

5	1	6184187	298160	3.5	Old Cell Eastern Arm
5	2	6184174	298163	2.4	Old Cell Eastern Arm
5	3	6184156	298170	2.6	Old Cell Eastern Arm
5	4	6184145	298174	5.8	Old Cell Eastern Arm
5	5	6184135	298178	2.8	Old Cell Eastern Arm
7	1	6184206	298183	2.1	Old Cell Eastern Arm
7	2	6184193	298190	1.6	Old Cell Eastern Arm
7	3	6184178	298198	1.9	Old Cell Eastern Arm
7	4	6184162	298205	2.1	Old Cell Eastern Arm
7	5	6184150	298211	2.3	Old Cell Eastern Arm
7	6	6184140	298214	5.6	Old Cell Eastern Arm
8	1				
8	2				
8	3				
8	4				
8	5				
8	6				
10	1	6184502	298236	5.7	
10	2	6184495	298274	2.8	

	10	3	6184498	298307	2.4	
	10	4	6184481	298349	2.0	
	10	5	6184428	298352	21.6	
	10	6	6184385	298363	20.1	
	10	7	6184325	298341	6.9	
	10	8	6184269	298317	7.6	
	10	9	6184263	298285	11.8	
A		1	6184301	297734	1.7	
A		2	6184303	297718	2.3	
A		3	6184307	297697	2.2	
A		4	6184312	297677	2.1	
A		5	6184314	297653	2.0	
A		6	6184320	297630	1.8	
B		1				NO Access Construction zone
C		1	6184338	297646	2.3	
C		2	6184349	297676	2.6	
C		3	6184362	297716	2.3	
C		4	6184359	297754	3.1	
C		5	6184345	297798	2.7	
C		6	6184340	297840	2.4	

C	7	6184336	297873	3.6	
C	8	6184360	297920	3.8	
C	9	6184390	297981	8.2	
C	10	6184409	298036	5.3	
D	1	6184376	297776	2.7	
D	2	6184379	297793	2.6	
D	3	6184385	297814	3.8	
D	4	6184389	297838	4.0	
D	5	6184391	297856	4.0	
E	1	6184404	297938	2.2	
E	2	6184406	297915	8.5	
E	3	6184406	297901	2.1	
E	4	6184408	297876	1.8	Methane Cage
E	5	6184406	297844	3.2	
E	6	6184405	297819	2.9	
E	7	6184400	297789	2.3	
F	1	6184426	297958	3.8	
F	2	6184434	297930	2.8	
F	3	6184443	297908	1.9	
F	4	6184442	297858	1.5	

F	5	6184437	297821	2.8	
F	6	6184434	297785	2.5	
F	7	6184426	297767	1.9	
F	8	6184414	297739	2.7	Methane Cage
G	1	6184454	297793	2.3	
G	2	6184458	297818	2.1	
G	3	6184469	297843	2.0	
G	4	6184475	297857	1.6	
G	5	6184474	297888	2.6	Methane Cage
G	6	6184465	297919	2.2	
G	7	6184459	297956	2.8	
H	1	6184447	298031	3.0	
H	2	6184454	298012	2.6	
H	3	6184469	297979	2.8	
H	4	6184476	297945	2.8	
H	5	6184480	297919	2.8	
H	6	6184486	297840	2.2	Methane Cage
I	1	6184500	297815	3.1	
I	2	6184500	297845	3.7	
I	3	6184496	297885	4.3	

I		4	6184491	297919	3.1	
I		5	6184482	297962	2.7	
I		6	6184472	297800	3.3	
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			1.3	taken at entrance to Whytes Gully
Methane Blank (Post testing )		1			1.4	taken at entrance to Whytes Gully
GlennGary Cottage	Managers Office		6183896	297954	1.4	
GlennGary Cottage	Front Office		6183896	297954	1.4	
GlennGary Cottage	Meeting Room		6183896	297954	1.8	
GlennGary Cottage	Operations Room		6183896	297954	1.7	

GlennGary Cottage	Kitchen	6183896	297954	1.8	
GlennGary Cottage	Hallway	6183896	297954	1.9	
GlennGary Cottage	Store	6183896	297954	1.7	
GlennGary Cottage	Max reading gardens	6183896	297954	1.8	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	2.8	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	2.7	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.4	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	2.2	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.3	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	2.1	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.8	
181 Reddalls Rd, Immediate gardens max value	8	6184500	297600	2.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380		
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337		
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138		

Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107			
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061			
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.2	0.0001	Gas Well Only
LFG MW2	2	6184055	298045	2.4	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	1.4	0.0001	Gas Well Only
LFG MW4	4	6184093	298257	1.8	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	1.4	0.0001	Water/Gas Well
LFG MW6	6	6184283	298371	5.6	0.0006	Gas Well Only
LFG MW7	7	6184410	298367	13.5	0.0014	Water/Gas Well
LFG MW8	8	6184408	298369	15.3	0.0015	Gas Well Only
LFG MW9	9	6184465	298370	27.0	0.0027	Gas Well Only
LFG MW10	10	6184492	298344	1.4	0.0001	Gas Well Only
LFG MW11	11	6184503	298294	1.4	0.0001	Gas Well Only
LFG MW12	12	6184511	298232	1.5	0.0002	Gas Well Only