

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	20/03/2017
Site:	Whytes Gully			Sampler(s)	Glenn Davies & Robert Da Lio
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				No access active landfill
2	1				No access active landfill
3	1				No access active landfill
4	1				No access active landfill
5	1	6184570	298206	4.3	Eastern Arm Above Current Cell (Gravel Side)
5	2	6184548	298215	3.5	Eastern Arm Above Current Cell (Gravel Side)
5	3	6184525	298219	3.4	Eastern Arm Above Current Cell (Gravel Side)
5	4	6184487	298226	5.0	Eastern Arm Above Current Cell (Gravel Side)
5	5	6184455	298233	7.1	Eastern Arm Above Current Cell (Gravel Side)
5	6	6184405	298252	7.0	Eastern Arm Above Current Cell (Gravel Side)
5	7	6184382	298262	7.4	Eastern Arm Old Cell (Grass Side)
5	8	6184361	298270	7.6	Eastern Arm Old Cell (Grass Side)
5	9	6184353	298272	6.9	Eastern Arm Old Cell (Grass Side)
5	10	6184343	298276	8.4	Eastern Arm Old Cell (Grass Side)
5	11	6184328	298282	5.8	Eastern Arm Old Cell (Grass Side)
6	1				
7	1	6184410	298283	11.2	Eastern Arm Old Cell (Grass Side)
7	2	6184397	298289	21.5	Eastern Arm Old Cell (Grass Side)

7	3	6184382	298297	9.9	Eastern Arm Old Cell (Grass Side)
7	4	6184368	298301	7.0	Eastern Arm Old Cell (Grass Side)
7	5	6184356	298308	11.0	Eastern Arm Old Cell (Grass Side)
7	6	6184340	298314	9.4	Eastern Arm Old Cell (Grass Side)
7	7	6184431	298269	6.6	Eastern Arm Above Current Cell (Gravel Side)
7	8	6184455	298261	5.6	Eastern Arm Above Current Cell (Gravel Side)
7	9	6184480	298254	6.6	Eastern Arm Above Current Cell (Gravel Side)
7	10	6184502	298254	2.8	Eastern Arm Above Current Cell (Gravel Side)
7	11	6184529	298251	8.2	Eastern Arm Above Current Cell (Gravel Side)
7	12	6184552	298244	4.9	Eastern Arm Above Current Cell (Gravel Side)
7	13	6184581	298239	6.9	Eastern Arm Above Current Cell (Gravel Side)
8	1				Eastern Arm Above Current Cell (NO access - covered by plastic cover)
9	1				Eastern Arm Above Current Cell (NO access - covered by plastic cover)
10	1	6184667	298297	8.0	
10	2	6184690	298224	39.3	
10	3	6184688	298353	10.1	
10	4	6184684	298396	8.0	
10	5	6184668	298450	1.9	
10	6	6184619	298452	5.9	
10	7	6184571	298463	13.1	
10	8	6184531	298448	10.1	
10	9	6184478	298426	16.0	
10	10	6184502	298375	11.0	

A	1				NO ACCESS (Road and Drainage Works)
A	2				NO ACCESS (Road and Drainage Works)
A	3				NO ACCESS (Road and Drainage Works)
A	4				NO ACCESS (Road and Drainage Works)
A	5				NO ACCESS (Road and Drainage Works)
A	6				NO ACCESS (Road and Drainage Works)
A	7				NO ACCESS (Road and Drainage Works)
A	8				NO ACCESS (Road and Drainage Works)
					NO ACCESS (Road and Drainage Works)
B	1				NO ACCESS (DRILLING)
C	1	6184540	297790	2.9	
C	2	6184549	297844	2.5	
C	3	6184540	297877	3.5	
C	4	6184531	297918	4.7	
C	5	6184527	297956	4.1	
C	6	6184531	298003	2.6	
C	7	6184556	298039	3.7	
C	8	6184578	298091	7.9	
D	1				NO ACCESS (TOO WET)
D	2				NO ACCESS (TOO WET)

D	3				NO ACCESS (TOO WET)
D	4				NO ACCESS (TOO WET)
D	5				NO ACCESS (TOO WET)
E	1	6184595	298038	2.0	
E	2	6184597	298017	1.7	
E	3	6184598	297978	2.3	Methane Cage
E	4	6184596	297928	1.9	
E	5	6184592	297901	2.8	
F	1	6184602	297840	3.2	Methane Cage
F	2	6184615	297870	2.9	
F	3	6184621	297914	2.7	
F	4	6184625	297944	2.0	
F	5	6184630	297980	1.9	
F	6	6184628	298005	1.9	
F	7	6184608	298059	2.6	
G	1	6184647	29894	1.6	
G	2	6184645	297909	2.0	
G	3	6184650	297926	1.9	
G	4	6184657	297945	2.7	

H	1	6184648	298112	2.5	
H	2	6184658	298078	2.0	
H	3	6184664	298054	1.6	Methane Cage
H	4	6184672	298018	1.7	
H	5	6184677	297979	1.8	
H	6	6184679	297946	2.2	Methane Cage
I	1	6184685	297909	2.6	
I	2	6184684	297938	2.5	
I	3	6184683	297971	2.4	
I	4	6184678	298009	2.1	
I	5	6184665	298075	2.4	
I	6	6184648	298134	1.6	
J	1	6184712	298128	2.3	
J	2	6184713	298107	5.4	
J	3	6184713	298096	1.9	
J	4	6184713	298092	5.3	
K	1	6184769	298132	2.2	
K	2	6184769	298116	2.2	
K	3	6184766	298099	4.6	
K	4	6184765	298085	3.3	

K		5	6184722	297955	1.4	
K		6	6184709	297926	1.5	
L		1	6184787	298132	1.6	
L		2	6184789	298116	1.6	
L		3	6184781	298083	4.3	
L		4	6184782	298046	18.9	
		5	6184776	298016	3.3	
		6	6184751	297986	2.7	
M		1				No Access Stockpile
N		1				No Access Too Wet
SWERF		1	6183995	297994		Locked. No Access.
SWERF		1	6184011	297961		Locked. No Access.
Weighbridge		1	6184042	297748	4.4	
Crib Room		1	6184168	297974		Demolished
Methane Blank (Pre testing)		1			1.7	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	1.9	

GlennGary Cottage	Front Office	6183896	297954	1.8	
GlennGary Cottage	Meeting Room	6183896	297954		IN USE
GlennGary Cottage	Operations Room	6183896	297954	1.6	
GlennGary Cottage	Kitchen	6183896	297954	1.8	
GlennGary Cottage	Hallway	6183896	297954	1.8	
GlennGary Cottage	Store	6183896	297954	1.5	
GlennGary Cottage	Max reading gardens	6183896	297954	3.0	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	2.3	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	2.1	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.9	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	1.7	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.4	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	2.6	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.3	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	2.1	
181 Reddalls Rd, Immediate gardens max value	1				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380		TOO WET TO ACCESS
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337		TOO WET TO ACCESS
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284		TOO WET TO ACCESS
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231		TOO WET TO ACCESS
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178		TOO WET TO ACCESS

Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138			TOO WET TO ACCESS
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107			TOO WET TO ACCESS
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061			TOO WET TO ACCESS
Lot 1 Farborough Rd, immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	3.6	0.0004	Gas Well Only
LFG MW2	2	6184055	298045	2.8	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	1.9	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	3.2	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	3.5	0.0004	Water/Gas Well
LFG MW6	6	6184283	298371	3.0	0.0003	Gas Well Only
LFG MW7	7	6184410	298367	33.4	0.0033	Water/Gas Well
LFG MW8	8	6184408	298369	21.4	0.0021	Gas Well Only
LFG MW9	9	6184465	298370	6.3	0.0006	Gas Well Only
LFG MW10	10	6184492	298344	7.5	0.0008	Gas Well Only
LFG MW11	11	6184503	298294	4.8	0.0005	Gas Well Only
LFG MW12	12	6184511	298232	83.5	0.0084	Gas Well Only
