

ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	22/05/2017
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 landfill	
2	1				Current cell no access active landfill	
3	1	6184305	298251	1.7	Eastern Arm Old Cell (Grass Side)	
3	2	6184315	298246	4.4	Eastern Arm Old Cell (Grass Side)	
3	3	6184325	298243	3.0	Eastern Arm Old Cell (Grass Side)	
3	4	6184335	298240	3.2	Eastern Arm Old Cell (Grass Side)	
3	5	6184344	298238	3.8	Eastern Arm Old Cell (Grass Side)	
5	1	6184401	298249	5.5	Eastern Arm on Gravel above Current Cell	
5	2	6184420	298241	3.5	Eastern Arm on Gravel above Current Cell	
5	3	6184442	298231	3.1	Eastern Arm on Gravel above Current Cell	
5	4	6184471	298226	3.2	Eastern Arm on Gravel above Current Cell	
5	5	6184498	298223	0.2	Eastern Arm on Gravel above Current Cell	
5	6	6184625	298218	4.8	Eastern Arm on Gravel above Current Cell	
5	7	6184555	298209	4.2	Eastern Arm on Gravel above Current Cell	
5	8	6184376	298263	3.9	Eastern Arm Old Cell (Grass Side)	
5	9	6184363	298269	3.5	Eastern Arm Old Cell (Grass Side)	

5	10	6184342	298277	4.2	Eastern Arm Old Cell (Grass Side)
5	11	6184333	298281	17.8	Eastern Arm Old Cell (Grass Side)
5	12	6184324	298284	11.0	Eastern Arm Old Cell (Grass Side)
7	1	6184550	298243	6.0	Eastern Arm on Gravel above Current Cell
7	2	6184533	298247	5.2	Eastern Arm on Gravel above Current Cell
7	3	6184513	298250	4.1	Eastern Arm on Gravel above Current Cell
7	4	6184484	298247	6.5	Eastern Arm on Gravel above Current Cell
7	5	6184461	298256	5.1	Eastern Arm on Gravel above Current Cell
7	6	6184445	298264	6.0	Eastern Arm on Gravel above Current Cell
7	7	6184427	298270	6.4	Eastern Arm on Gravel above Current Cell
7	8	6184403	298285	4.4	Eastern Arm Old Cell (Grass Side)
7	9	6184388	298291	5.1	Eastern Arm Old Cell (Grass Side)
7	10	6184374	298298	2.9	Eastern Arm Old Cell (Grass Side)
7	11	6184357	298306	2.0	Eastern Arm Old Cell (Grass Side)
7	12	6184336	298317	7.2	Eastern Arm Old Cell (Grass Side)
7	13	6184329	298318	3.4	Eastern Arm Old Cell (Grass 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	6184661	298287	3.6	
10	2	6184692	298320	20.0	

10	3	6184688	298351	26.0	
10	4	6184684	298385	2.8	
10	5	6184683	298419	4.8	
10	6	6184664	298450	3.2	
10	7	6184618	298452	56.2	
10	8	6184578	298463	65.5	
10	9	6184534	298449	45.0	
10	10	6184489	298433	76.2	
10	11	6184456	298390	24.2	
10	12	6184509	298391	26.0	
A	1	6184491	297805	2.8	
A	2	6184498	297780	2.5	
A	3	6184503	297753	3.3	
B	1				No Access Construction zone
C	1				No Access Construction zone
D	1	6184533	297771	2.3	
D	2	6184556	297822	3.8	
D	3	6184549	297853	3.9	
D	4	6184541	297886	3.7	
D	5	6184534	297924	4.8	
D	6	6184531	297960	6.2	
D	7	6184542	298008	22.0	

D	8	6184568	298051	19.0	
E	1	6184599	298042	4.5	
E	2	6184600	298021	10.9	
E	3	6184600	297996	3.3	
E	4	6184600	297979	3.3	
E	5	6184599	297950	4.9	
E	6	6184597	297924	5.2	
E	7	6184593	297890	2.0	
F	1	6184604	297840	2.4	Methane Cage
F	2	6184614	297864	2.9	
F	3	6184622	297888	1.8	
F	4	6184624	297910	2.7	
F	5	6184628	297934	3.3	
F	6	6184633	297967	4.4	
F	7	6184665	297989	7.4	Methane Cage
F	8	6184659	298013	5.7	
F	9	6184653	298058	10.0	
G	1	6184647	297897	3.6	
G	2	6184651	297918	4.7	
G	3	6184660	297940	3.4	

G	4	6184665	297962	5.8	
G	5	6184630	298026	12.0	
G	6	6184626	298039	7.2	
G	7	6184620	298061	6.9	
H	1	6184647	298124	5.5	
H	2	6184661	298077	4.3	
H	3	6184667	298052	4.2	Methane Cage
H	4	6184674	298021	7.8	
H	5	6184680	297976	8.8	
H	6	6184681	297948	6.8	
I	1	6184688	297914	5.5	
I	2	6184688	297938	3.0	
I	3	6184688	297961	4.2	
I	4	6184685	297985	3.8	
I	5	6184681	298012	3.9	
I	6	6184675	298049	4.5	
I	7	6184669	298077	2.9	
I	8	6184660	298109	34.0	
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	2.4	
Crib Room	1	6184168	297974		Demolished
Methane Blank (Pre testing)	1			1.4	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	1.6	
GlennGary Cottage	Front Office	6183896	297954	1.7	
GlennGary Cottage	Meeting Room	6183896	297954	1.7	
GlennGary Cottage	Operations Room	6183896	297954	1.6	
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	1.8	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846		TOO WET TO ACCESS
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380		TOO WET TO ACCESS

Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.2	0.0002	Gas Well Only - No Access Construction Zone
LFG MW2	2	6184055	298045	5.2	0.0005	Water/Gas Well
LFG MW3	3	6184062	298198	6.8	0.0007	Gas Well Only
LFG MW4	4	6184093	298257	2.8	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	18.1	0.0018	Water/Gas Well
LFG MW6	6	6184283	298371	5.9	0.0006	Gas Well Only
LFG MW7	7	6184410	298367	54.2	0.0054	Water/Gas Well
LFG MW8	8	6184408	298369	21.0	0.0021	Gas Well Only
LFG MW9	9	6184465	298370	18.2	0.0018	Gas Well Only
LFG MW10	10	6184492	298344	66.2	0.0066	Gas Well Only
LFG MW11	11	6184503	298294	4.1	0.0004	Gas Well Only
LFG MW12	12	6184511	298232	5.6	0.0006	Gas Well Only
