

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	5/06/2017
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	298250	1.6	Eastern Arm Old Cell (Grass Side)
3	2	6184317	298246	1.4	Eastern Arm Old Cell (Grass Side)
3	3	6184332	298241	2.0	Eastern Arm Old Cell (Grass Side)
3	4	6184342	298239	3.2	Eastern Arm Old Cell (Grass Side)
3	5	6184351	298239	3.0	Eastern Arm Old Cell (Grass Side)
5	1	6184380	298262	2.6	Eastern Arm Old Cell (Grass Side)
5	2	6184364	298267	1.9	Eastern Arm Old Cell (Grass Side)
5	3	6184323	298276	22.3	Eastern Arm Old Cell (Grass Side)
5	4	6184326	298281	34.7	Eastern Arm Old Cell (Grass Side)
5	5	6184312	298278	10.4	Eastern Arm Old Cell (Grass Side)
5	6	6184578	298210	7.7	Eastern Arm on Gravel above Current Cell
5	7	6184540	298220	2.9	Eastern Arm on Gravel above Current Cell
5	8	6184450	298226	4.5	Eastern Arm on Gravel above Current Cell
5	9	6184473	298228	13.7	Eastern Arm on Gravel above Current Cell

5	10	6184444	298233	8.3	Eastern Arm on Gravel above Current Cell
5	11	6184410	298244	2.0	Eastern Arm on Gravel above Current Cell
7	1	6184410	298285	2.4	Eastern Arm Old Cell (Grass Side)
7	2	6184392	298291	2.3	Eastern Arm Old Cell (Grass Side)
7	3	6184374	298299	3.4	Eastern Arm Old Cell (Grass Side)
7	4	6184355	298308	4.0	Eastern Arm Old Cell (Grass Side)
7	5	6184344	298313	3.3	Eastern Arm Old Cell (Grass Side)
7	6	6184335	298316	5.4	Eastern Arm Old Cell (Grass Side)
7	7	6184329	298320	12.3	Eastern Arm Old Cell (Grass Side)
7	8	6184433	298270	5.6	Eastern Arm on Gravel above Current Cell
7	9	6184446	298265	2.1	Eastern Arm on Gravel above Current Cell
7	10	6184473	298257	1.8	Eastern Arm on Gravel above Current Cell
7	11	6184496	298252	3.6	Eastern Arm on Gravel above Current Cell
7	12	6184533	298248	7.6	Eastern Arm on Gravel above Current Cell
7	13	6184562	298240	4.8	Eastern Arm on Gravel above Current Cell
7	14	6184579	298236	5.4	Eastern Arm on Gravel above Current Cell
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	6184690	298321	30.1	
10	2	6184689	298354	18.3	

	10	3	6184684	298392	15.6	
	10	4	6184668	298450	7.5	
	10	5	6184615	298454	20.1	
	10	6	6184537	298465	28.1	
	10	7	6184529	298450	30.4	
	10	8	6184484	298434	25.1	
	10	9	6184446	298404	10.1	
	10	10	6184473	298384	20.5	
A		1	6184498	297817	9.4	
A		2	6184502	297788	9.1	
A		3	6184504	297763	9.4	
A		4	6184515	297735	9.9	
B		1				No Access Construction zone
C		1				No Access Construction zone
D		1	6184527	297749	9.9	
D		2	6184538	297778	7.6	
D		3	6184550	297815	10.1	
D		4	6184548	297852	12.4	
D		5	6184537	297889	11.9	
D		6	6184530	297934	20.0	
D		7	6184529	297990	23.8	
D		8	6184581	298095	38.8	

E	1	6184595	298042	34.3	
E	2	6184595	298015	29.1	
E	3	6184595	297980	22.3	
E	4	6184594	297956	21.1	
E	5	6184592	297933	12.1	
E	6	6184589	297911	16.8	
E	7	6184589	297887	10.6	
F	1	6184605	297843	12.9	
F	2	6184616	297870	16.1	
F	3	6184621	297999	15.0	
F	4	6184622	297934	19.8	
F	5	6184628	297983	25.5	
F	6	6184626	298013	34.1	
F	7	6184626	298034	33.9	
F	8	6184617	298061	42.1	
G	1	6184645	297897	11.9	
G	2	6184650	297922	19.0	
G	3	6184656	297935	20.5	
G	4	6184660	297947	26.4	
G	5	6184659	297993	29.1	Methane Cage

G	6	6184651	298028	28.6	
G	7	6184649	298059	25.9	
H	1	6184677	297906	14.9	
H	2	6184677	297949	4.5	Methane Cage
H	3	6184675	297984	14.3	
H	4	6184669	298025	15.3	
H	5	6184663	298056	13.1	Methane Cage
H	6	6184658	298078	14.6	
I	1	6184684	297913	8.1	
I	2	6184686	297946	11.4	
I	3	6184684	297991	8.4	
I	4	6184679	298036	8.6	
I	5	6184670	298076	8.1	
I	6	6184646	298142	7.6	
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			1.4	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	1.7
GlennGary Cottage		Front Office	6183896	297954	1.8
GlennGary Cottage		Meeting Room	6183896	297954	1.7
GlennGary Cottage		Operations Room	6183896	297954	1.5
GlennGary Cottage		Kitchen	6183896	297954	1.6
GlennGary Cottage		Hallway	6183896	297954	1.4
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		NO ACCESS THROUGH STOCKPILE AREA
181 Reddalls Rd, Immediate gardens max value	1			1.8	
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	3.2	

Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	4.1		
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.8		
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	1.4		
Lot 1 Farborough Rd, fenceline adjoining landfill	6	1684634	298138	1.6		
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	1.8		
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	2.1		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.1	0.0002	Gas Well Only - No Access Construction Zone
LFG MW2	2	6184055	298045	4.3	0.0004	Water/Gas Well
LFG MW3	3	6184062	298198	6.5	0.0007	Gas Well Only
LFG MW4	4	6184093	298257	8.1	0.0008	Water/Gas Well
LFG MW5	5	6184207	298327	3.5	0.0004	Water/Gas Well
LFG MW6	6	6184283	298371	8.5	0.0009	Gas Well Only
LFG MW7	7	6184410	298367	14.1	0.0014	Water/Gas Well
LFG MW8	8	6184408	298369	18.2	0.0018	Gas Well Only
LFG MW9	9	6184465	298370	23.1	0.0023	Gas Well Only
LFG MW10	10	6184492	298344	10.1	0.0010	Gas Well Only

LFG MW11	11	6184503	298294	18.2	0.0018	Gas Well Only
LFG MW12	12	6184511	298232	4.6	0.0005	Gas Well Only
