

ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	27/04/2017
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	6184378	298264	2.3	Eastern Arm Old Cell (Grass Side)	
5	2	6184357	298270	3.3	Eastern Arm Old Cell (Grass Side)	
5	3	6184334	2982180	60.0	Eastern Arm Old Cell (Grass Side)	
5	4	6184325	298282	6.4	Eastern Arm Old Cell (Grass Side)	
5	5	6184409	298245	22.0	Eastern Arm on Gravel above Current Cell	
5	6	6184444	298230	20.1	Eastern Arm on Gravel above Current Cell	
5	7	6184489	298223	52.0	Eastern Arm on Gravel above Current Cell	
5	8	6184523	298218	30.0	Eastern Arm on Gravel above Current Cell	
5	9	6184547	298211	2.7	Eastern Arm on Gravel above Current Cell	
5	10	6184576	298202	20.0	Eastern Arm on Gravel above Current Cell	
6	1					
7	1	6184568	298238	10.8	Eastern Arm on Gravel above Current Cell	
7	2	6184547	298243	2.8	Eastern Arm on Gravel above Current Cell	

7	3	6184531	298247	18.1	Eastern Arm on Gravel above Current Cell
7	4	6184502	298250	18.2	Eastern Arm on Gravel above Current Cell
7	5	6184476	298252	7.7	Eastern Arm on Gravel above Current Cell
7	6	6184446	298265	15.5	Eastern Arm on Gravel above Current Cell
7	7	6184433	298271	6.1	Eastern Arm on Gravel above Current Cell
7	8	6184402	298288	11.0	Eastern Arm Old Cell (Grass Side)
7	9	6184386	298295	6.9	Eastern Arm Old Cell (Grass Side)
7	10	6184371	298302	5.0	Eastern Arm Old Cell (Grass Side)
7	11	6184358	298308	3.0	Eastern Arm Old Cell (Grass Side)
7	12	6184332	298319	21.5	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	6184654	298287	16.7	
10	2	6184693	298332	12.0	
10	3	6184687	298408	7.4	
10	4	6184667	298454	11.7	
10	5	6184594	298466	19.9	
10	6	6184547	298456	60.2	
10	7	6184484	298435	17.8	
10	8	6184447	298400	6.5	
10	9	6184507	298377	18.0	

A	1				No Access Construction zone
B	1				No Access Construction zone
C	1	6184540	297766	1.6	
C	2	6184551	297820	1.6	
C	3	6184549	297850	1.6	
C	4	6184535	297899	1.8	
C	5	6184528	297964	1.8	
C	6	6184536	298007	1.8	
C	7	6184562	298048	1.9	
C	8	6184583	298107	2.1	
D	1	6184570	297882	1.8	
D	2	6184572	297901	1.8	
D	3	6184576	297925	1.8	
D	4	6184580	297945	1.9	
D	5	6184581	297960	1.9	
E	1	6184595	298042	2.0	
E	2	6184597	298016	1.8	
E	3	6184598	297979	1.8	
E	4	6184597	297955	2.5	
E	5	6184595	297927	1.9	

E	6	6184591	297901	1.8	
E	7	6184593	297884	2.0	
F	1	6184603	297842	1.4	Methane Cage
F	2	6184615	297869	1.4	
F	3	6184620	297892	1.5	
F	4	6184625	297937	1.5	
F	5	6184629	297962	1.4	
F	6	6184629	298011	1.3	
F	7	6184624	298035	1.8	
F	8	6184618	298058	1.6	
G	1	6184645	297904	1.5	
G	2	6184652	297929	1.5	
G	3	6184659	297940	1.4	
G	4	6184660	297950	1.5	
G	5	618463	297967	1.3	
G	6	6184663	297988	1.2	
G	7	6184652	298040	1.3	
H	1	6184633	298137	1.8	
H	2	6184652	298094	1.6	
H	3	6184664	298052	1.5	Methane Cage

H	4	6184672	298016	1.5	
H	5	6184676	297973	1.5	
H	6	6184678	297945	1.5	Methane Cage
I	1	6184686	297915	2.3	
I	2	6184686	297947	2.1	
I	3	6184685	297982	2.1	
I	4	6184681	298018	2.0	
I	5	6184677	298046	2.0	
I	6	6184670	298078	2.0	
I	7	6184654	298136	2.0	
J	1	6184712	298131	2.0	
J	2	6184713	298118	2.2	
J	3	6184712	298103	2.0	
J	4	6184711	298095	2.0	
K	1	6184772	298116	2.4	
K	2	6184777	298102	2.7	
K	3	6184779	298085	1.9	
K	4	6184779	298047	8.6	
K	5	6184767	298009	2.2	

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.
SWERF		1	6184011	297961		Locked. No Access.
Weighbridge		1	6184042	297748	1.8	
Crib Room		1	6184168	297974		Demolished
Methane Blank (Pre testing)		1			1.6	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		LOCKED
GlennGary Cottage	Front Office		6183896	297954	1.7	
GlennGary Cottage	Meeting Room		6183896	297954	1.8	
GlennGary Cottage	Operations Room		6183896	297954	1.8	
GlennGary Cottage	Kitchen		6183896	297954	1.7	
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	1.9	

181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	1.7		
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.7		
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	1.8		
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.8		
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	1.7		
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.7		
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	1.7		
181 Reddalls Rd, Immediate gardens max value	1					
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	0.0	<0.0001	Gas Well Only - No Access Construction Zone
LFG MW2	2	6184055	298045	1.5	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	1.9	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	2.0	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	2.3	0.0002	Water/Gas Well
LFG MW6	6	6184283	298371	2.3	0.0002	Gas Well Only
LFG MW7	7	6184410	298367	20.3	0.0020	Water/Gas Well
LFG MW8	8	6184408	298369	9.8	0.0010	Gas Well Only
LFG MW9	9	6184465	298370	18.8	0.0019	Gas Well Only

LFG MW10	10	6184492	298344	4.0	0.0004	Gas Well Only
LFG MW11	11	6184503	298294	4.2	0.0004	Gas Well Only
LFG MW12	12	6184511	298232	12.5	0.0013	Gas Well Only
