

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	9/10/2017
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	6184304	298251	1.5	
3	2	6184316	298245	1.3	
3	3	6184330	298241	5.8	
3	4	6184344	298239	4.4	
5	1	6184377	298256	9.4	Grass Side
5	2	6184361	298269	6.6	Grass Side
5	3	6184351	298073	6.1	Grass Side
5	4	6184334	298279	82.1	Grass Side
5	5	6184319	298285	19.1	Grass Side
7	1	6184397	298285	11.9	Grass Side
7	2	6184384	298291	3.1	Grass Side
7	3	6184371	298297	3.8	Grass Side

7	4	6184361	298303	15.7	Grass Side
7	5	6184349	298309	5.7	Grass Side
7	6	6184334	298316	6.8	Grass Side
7	7	6184575	298253	12.0	Gravel Side
7	8	6184552	298252	12.2	Gravel Side
7	9	6184520	298254	11.4	Gravel Side
7	10	6184489	298250	19.1	Gravel Side
7	11	6184467	298256	6.5	Gravel Side
7	12	6184448	298263	1.9	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	6184669	298454	6.1	
10	2	6184638	298452	144.0	
10	3	6184600	298462	20.8	
10	4	6184550	298458	10.9	
10	5	6184513	298445	39.9	
10	6	6184473	298427	42.4	
10	7	6184448	298405	14.9	
10	8	6184468	298385	36.6	
10	9	6184523	298371	20.0	

A	1	6184513	297738	2.3	
A	2	6184499	297774	2.2	
A	3	6184497	297794	2.0	
B	1				No Access Construction zone
C	1	6184525	297752	1.7	
C	2	6184536	297780	1.6	
C	3	6184548	297817	2.3	
C	4	6184545	297860	2.6	
C	5	6184535	297896	2.5	
C	6	6184529	297938	4.5	
C	7	6184526	297976	2.6	
C	8	6184556	298035	2.6	
D	1	6184568	297877	2.2	
D	2	6184570	297895	0.8	
D	3	6184575	297919	1.2	
D	4	6184581	297945	0.7	
D	5	6184582	297961	1.1	
E	1	6184593	298037	2.0	
E	2	6184594	298016	2.3	

E	3	6184596	297993	1.5	
E	4	6184597	297977	1.4	
E	5	6184596	297951	2.3	
E	6	6184594	297923	3.8	
E	7	6184591	297899	1.4	
F	1	6184602	297840	3.0	
F	2	6184614	297867	3.1	
F	3	6184620	297893	3.0	
F	4	6184630	297966	2.0	
F	5	6184664	297963	1.2	
F	6	6184663	297991	1.8	
F	7	6184656	298610	1.4	
F	8	6184651	298031	0.9	
F	9	6184649	298054	1.5	
G	1	6184643	297905	2.5	
G	2	6184652	297925	2.6	
G	3	6184661	297947	2.6	
G	4	6184625	297933	3.2	
G	5	6184629	298009	2.5	
G	6	6184625	298026	1.6	
G	7	6184619	298050	1.7	

H	1	6184647	298113	2.3	
H	2	6184666	298053	2.3	
H	3	6184670	298026	2.0	
H	4	6184672	297996	2.2	
H	5	6184676	297945	2.0	
H	6	6184676	297908	2.3	
I	1	6184685	297915	1.0	
I	2	6184686	297945	1.4	
I	3	6184685	297978	1.3	
I	4	6184680	298016	0.9	
I	5	6184677	298044	1.3	
I	6	6184671	298072	1.6	
J	1	6184700	298132	2.2	
J	2	6184727	288129	4.9	
J	3	6184746	288123	2.0	
J	4	6184763	288118	13.5	
K	1	6184771	298105	16.0	
K	2	6184773	298067	100.0	
K	3	6184775	298033	67.9	

K		4	6184776	297994	2.7	
K		5	6184745	297973	1.8	
K		6	6184713	297941	1.7	
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	1.8	
Crib Room		1	6184168	297974		Demolished
Methane Blank (Pre testing)		1			0.9	Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing)		1			0.8	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office		6183896	297954	1.8	
GlennGary Cottage	Front Office		6183896	297954	2.5	
GlennGary Cottage	Meeting Room		6183896	297954	2.6	

GlennGary Cottage	Operations Room	6183896	297954	3.0	
GlennGary Cottage	Kitchen	6183896	297954	2.6	
GlennGary Cottage	Hallway	6183896	297954	2.8	
GlennGary Cottage	Store	6183896	297954	2.6	
GlennGary Cottage	Max reading gardens	6183896	297954	1.8	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.1	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	1.2	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.1	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	1.1	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.3	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	1.3	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.2	
181 Reddalls Rd, Immediate gardens max value	8	6184500	297600	1.1	
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	2.2	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	2.8	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	2.4	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	3.7	0.0004	Water/Gas Well
LFG MW5	5	6184207	298327	2.7	0.0003	Water/Gas Well
LFG MW6	6	6184283	298371	5.7	0.0006	Gas Well Only
LFG MW7	7	6184410	298367	4.5	0.0005	Water/Gas Well
LFG MW8	8	6184408	298369	5.6	0.0006	Gas Well Only
LFG MW9	9	6184465	298370	6.3	0.0006	Gas Well Only
LFG MW10	10	6184492	298344	3.5	0.0004	Gas Well Only
LFG MW11	11	6184503	298294	6.5	0.0007	Gas Well Only

LFG MW12	12	6184511	298232	8.6	0.0009	Gas Well Only
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