

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	7/09/2017
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	6184115	298146	3.0	
3	2	6184126	298140	4.5	
3	3	6184138	298135	3.8	
3	4	6184149	298132	3.8	
5	1	6184185	298160	3.8	
5	2	6184168	298164	5.3	
5	3	6184154	298171	22.8	
5	4	6184141	298177	43.1	
5	5	6184135	298179	12.9	
6	1	6184387	298104	18.0	
6	2	6184370	298110	14.0	
6	3	6184351	298117	14.0	
6	4	6184327	298123	11.8	

6	5	6184302	298133	15.1	
6	6	6184271	298133	17.8	
6	7	6184246	298141	14.8	
7	1	6184246	298161	11.8	
7	2	6184262	298153	11.8	
7	3	6184287	298147	5.6	
7	4	6184312	298146	11.3	
7	5	6184338	298143	17.1	
7	6	6184371	298134	4.4	
7	7	6184389	298129	13.9	
7	8	6184217	298179	6.4	
7	9	6184192	298190	2.2	
7	10	6184174	298199	2.8	
7	11	6184156	298207	3.6	
7	12	6184144	298214	5.3	
7	13	6184317	298218	3.8	
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	6184497	298218	1.9	
10	2	6184495	298253	1.9	

	10	3	6184488	298324	1.9	
	10	4	6184437	298345	28.5	
	10	5	6184386	298361	12.6	
	10	6	6184264	298307	5.3	
	10	7	6184273	298279	23.3	
	10	8	6184320	298267	10.2	
A		1	6184302	297735	1.7	
A		2	6184305	297718	1.6	
A		3	6184306	297702	1.7	
A		4	6184309	297676	1.7	
A		5	6184312	297653	1.7	
B		1				No Access Construction zone
C		1				No Access Construction zone
D		1	6184334	297647	1.5	
D		2	6184343	297669	1.5	
D		3	6184357	297706	1.5	
D		4	6184353	297760	1.4	
D		5	6184343	297800	1.6	
D		6	6184338	297833	1.6	

D	7	6184336	297863	1.5	
D	8	6184350	297912	1.6	
D	9	6184393	297999	1.7	
E	1	6184402	297942	2.2	
E	2	6184404	297919	2.2	
E	3	6184405	297891	1.9	
E	4	6184405	297871	1.9	
E	5	6184404	297842	1.9	
E	6	6184401	297812	1.8	
E	7	6184398	297793	1.8	
F	1	6184413	297739	2.1	Methane Cage
F	2	6184424	297768	1.5	
F	3	6184429	297797	1.5	
F	4	6184434	297836	1.4	
F	5	6184440	297885	1.4	
F	6	6184438	297907	1.4	
F	7	6184446	297908	1.4	
F	8	6184459	297933	1.5	
G	1	6184454	297800	1.7	
G	2	6184458	297816	1.8	

G	3	6184467	297839	1.7	
G	4	6184470	297862	1.5	
G	5	6184470	297888	1.5	
G	6	6184435	297923	1.8	
G	7	6184425	297955	1.8	
H	1	6184440	298037	1.7	
H	2	6184456	298010	1.8	
H	3	6184472	297975	1.8	
H	4	6184478	297947	1.8	
H	5	6184485	297908	1.8	Methane Cage
H	6	6184488	297841	1.8	Methane Cage
I	1	6184493	297807	1.9	
I	2	6184493	297841	1.8	
I	3	6184492	297880	1.7	
I	4	6184486	297918	1.7	
I	5	6184478	297959	1.7	
I	6	6184463	298012	1.6	
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	1.4	
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			1.6	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office		6183896	297954	1.5	
GlennGary Cottage	Front Office		6183896	297954	1.6	
GlennGary Cottage	Meeting Room		6183896	297954	1.5	
GlennGary Cottage	Operations Room		6183896	297954	1.5	
GlennGary Cottage	Kitchen		6183896	297954	1.5	
GlennGary Cottage	Hallway		6183896	297954	1.6	
GlennGary Cottage	Store		6183896	297954	1.5	
GlennGary Cottage	Max reading gardens		6183896	297954	1.5	

181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.5	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	1.5	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.4	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	1.5	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.5	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	1.5	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.6	
181 Reddalls Rd, Immediate gardens max value	8	6184500	297600	1.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	1.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	1.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	1.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	1.7	
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	2.0	
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	1.8	
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	1.8	
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	1.6	
Lot 1 Farborough Rd, Immediate gardens max value	1			1.6	

Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.8	0.0002	Gas Well Only - No Access Construction Zone
LFG MW2	2	6184055	298045	1.6	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	0.7	<0.0001	Gas Well Only
LFG MW4	4	6184093	298257	1.5	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	2.2	0.0002	Water/Gas Well
LFG MW6	6	6184283	298371	2.2	0.0002	Gas Well Only
LFG MW7	7	6184410	298367	4.3	0.0004	Water/Gas Well
LFG MW8	8	6184408	298369	6.9	0.0007	Gas Well Only
LFG MW9	9	6184465	298370	2.6	0.0003	Gas Well Only
LFG MW10	10	6184492	298344	4.8	0.0005	Gas Well Only
LFG MW11	11	6184503	298294	2.8	0.0003	Gas Well Only
LFG MW12	12	6184511	298232	2.9	0.0003	Gas Well Only
