

ALS Landfill Emissions Report



Client:	Wollongong City Council	Date:	12/06/2018
Site:	Whytes Gully	Sampler(s)	Glenn Davies & Robert DaLio

Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1	6184308	298239	2.2	Old Cell Eastern Arm - Grass side
1	1	6184314	298232	2.9	Old Cell Eastern Arm - Grass side
1	1	6184322	298227	4.0	Old Cell Eastern Arm - Grass side
3	1	6184302	292852	2.1	Old Cell Eastern Arm - Grass side
3	2	6184318	298245	2.7	Old Cell Eastern Arm - Grass side
3	3	6184332	298241	2.5	Old Cell Eastern Arm - Grass side
3	4	6184343	298242	7.3	Old Cell Eastern Arm - Grass side
5	1	6184377	298265	12.5	Old Cell Eastern Arm - Grass side
5	2	6184361	298270	9.6	Old Cell Eastern Arm - Grass side
5	3	6184342	298277	6.6	Old Cell Eastern Arm - Grass side
5	4	6184326	298283	10.6	Old Cell Eastern Arm - Grass side
7	1	6184398	298288	10.9	Old Cell Eastern Arm - Grass side
7	2	6184375	298299	7.8	Old Cell Eastern Arm - Grass side
7	3	6184360	298307	11.5	Old Cell Eastern Arm - Grass side
7	4	6184347	298313	8.3	Old Cell Eastern Arm - Grass side
7	5	6184333	298321	5.4	Old Cell Eastern Arm - Grass side
AI transacts					Current Cell Easter Arm - No Access - Working Cell
10	1	6184692	298334	9.2	
10	2	6184683	298389	6.0	
10	3	6184679	298437	2.8	
10	4	6184644	298452	32.0	
10	5	6184590	298465	21.3	
10	6	6184525	298448	17.2	
10	7	6184467	298423	13.1	
10	8	6184475	298383	36.9	
10	9	6184547	298375	14.8	

A	1	6184494	297836	2.0	
A	2	6184490	297804	2.4	
A	3	6184503	297774	2.0	
A	4	6184506	297754	5.3	
A	5	6184520	297739	2.3	
B	1				No Access
C	1	6184525	297759	1.9	
C	2	6184538	297790	2.0	
C	3	6184549	297824	2.0	
C	4	6184545	297866	2.3	
C	5	6184533	297915	2.3	
C	6	6184527	297973	3.0	
C	7	6184547	298022	3.0	
C	8	6184573	298071	2.6	
C	9	6184594	298132	4.2	
C	10	6184608	298158	3.7	
D	1	6184570	297880	2.1	
D	2	6184572	297890	2.3	
D	3	6184577	297926	2.1	
D	4	6184582	297956	2.0	
D	5	6184583	297966	2.1	
E	1	6184597	298043	8.2	
E	2	6184599	298022	3.2	
E	3	6184601	297999	2.7	
E	4	6184601	297981	2.5	Methane Cage
E	5	6184599	297952	2.5	
E	6	6184595	297920	2.6	
E	7	6184593	297886	2.3	
F	1	6184601	297843	2.0	Methane Cage
F	2	6184618	297889	2.3	
F	3	6184622	297923	2.1	
F	4	6184627	297957	2.5	

F	5	6184630	298000	2.5	
F	6	6184627	298033	2.3	
F	7	6184623	298049	3.2	
F	8	6184617	298064	3.2	
G	1	6184645	297900	2.4	
G	2	6184650	297925	2.3	
G	3	6184659	297946	2.3	
G	4	6184662	297994	2.4	Methane Cage
G	5	6184653	298021	2.5	
G	6	6184653	298064	2.3	
G	7	6184650	298068	2.5	
H	1	6184651	298121	2.2	
H	2	6184661	298088	2.8	
H	3	6184668	298058	4.8	Methane Cage
H	4	6184675	298017	3.5	
H	5	6184677	297976	2.3	
H	6	6184678	297951	2.3	Methane Cage
I	1	6184687	297914	2.5	
I	2	6184688	297951	2.4	
I	3	6184688	297952	1.9	
I	4	6184683	297784	2.0	
I	5	6184676	298038	1.8	
I	6	6184670	298069	2.2	
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	1.9	
Crib Room	1	6184168	297974		Demolished

Methane Blank (Pre testing)	1			2.3	Taken at entrance to Whytes Gully site before main gate
Methane Blank (Post testing)	1			2.3	Taken at entrance to Whytes Gully site before main gate
GlennGary Cottage	Managers Office	6183896	297954	2.5	
GlennGary Cottage	Front Office	6183896	297954	2.7	
GlennGary Cottage	Meeting Room	6183896	297954	2.3	
GlennGary Cottage	Operations Room	6183896	297954	2.4	
GlennGary Cottage	Kitchen	6183896	297954	2.2	
GlennGary Cottage	Hallway	6183896	297954	2.3	
GlennGary Cottage	Store	6183896	297954	2.3	
GlennGary Cottage	Max reading gardens	6183896	297954	2.1	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.9	
181 Reddalls Rd, Immediate gardens max value	2	6184600	297800	2.1	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.1	
181 Reddalls Rd, Immediate gardens max value	4	6184764	297735	2.2	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.2	
181 Reddalls Rd, Immediate gardens max value	6	6184529	297650	2.1	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.4	
181 Reddalls Rd, Immediate gardens max value	8	6184500	297600	2.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.3	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	2.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	2.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	1.9	
Lot 1 Farborough Rd, fenceline adjoining landfill	6	6184634	298138	2.2	
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	2.1	
Lot 1 Farborough Rd, fenceline adjoining landfill	8	6184666	298061	2.2	
Lot 1 Farborough Rd, Immediate gardens max value	1			1.9	

				ppm	%V/V	
Gas monitoring Wells						
LFG MW1	1	6184088	297962	3.0	0.0003	Gas Well Only
LFG MW2	2	6184055	298045	2.6	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	3.0	0.0003	Gas Well Only
LFG MW4	4	6184093	298257	2.7	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	4.9	0.0005	Water/Gas Well
LFG MW6	6	6184283	298371	3.2	0.0003	Gas Well Only
LFG MW7	7	6184410	298367	22.5	0.0023	Water/Gas Well
LFG MW8	8	6184408	298369	10.5	0.0011	Gas Well Only
LFG MW9	9	6184465	298370	11.5	0.0012	Gas Well Only
LFG MW10	10	6184492	298344		0.0000	No Access Overgrown with stinging nettles and lantana
LFG MW11	11	6184503	298294		0.0000	No Access Overgrown with stinging nettles and lantana
LFG MW12	12	6184511	298232		0.0000	No Access Overgrown with stinging nettles and lantana