

ALS Landfill Emissions Report

Client:	Wollongong City Council	Date:	1/02/2017
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	6	6184387	298099	60.00	Gravel above active cell
5	7	6184357	298109	10.00	Gravel above active cell
5	8	6184330	298115	4.1	Gravel above active cell
5	9	6184302	298120	38.0	Gravel above active cell
5	10	6184271	298122	7.7	Gravel above active cell
5	11	6184241	298131	13.5	Gravel above active cell
5	12	6184210	298083	2.5	Gravel above active cell
5	13	6184130	298218	1.8	Gravel above active cell
6	1				
7	6	6184241	298162	6.2	Gravel above active cell
7	7	6184260	298154	4.2	Gravel above active cell
7	8	6184279	298146	3.8	Gravel above active cell
7	9	6184295	298143	6.3	Gravel above active cell
7	10	6184329	298144	3.2	Gravel above active cell

7	11	6184360	298137	6.0	Gravel above active cell
7	12	6184388	298132	4.5	Gravel above active cell
8	1				Gravel above active cell (No access - covered by
9	1				Gravel above active cell (No access - covered by
3	1	6184152	298135	2.40	On grass S.E. of active cell
3	2	6184141	298137	2.50	On grass S.E. of active cell
3	3	6184131	298140	2.20	On grass S.E. of active cell
3	4	6184121	298144	2.20	On grass S.E. of active cell
3	5	6184112	298146	11.00	On grass S.E. of active cell
4					
5	1	6184120	298187	5.30	On grass S.E. of active cell
5	2	6184134	298177	22.40	On grass S.E. of active cell
5	3	6184149	298171	3.20	On grass S.E. of active cell
5	4	6184173	298162	2.20	On grass S.E. of active cell
5	5	6184187	298157	5.20	On grass S.E. of active cell
7	1	6184219	298179	3.3	On grass S.E. of active cell
7	2	6184201	298187	2.8	On grass S.E. of active cell
7	3	6184182	298196	3.0	On grass S.E. of active cell
7	4	6184162	298204	20.4	On grass S.E. of active cell

7	5	6184142	298212	88.3	On grass S.E. of active cell 1M East 2.3, 1M
8	1				
9	1				
10	1	6184498	298215	81.0	
10	2	6184496	298252	45.0	
10	3	6184495	298300	7.2	
10	4	6184489	298336	5.6	
10	5	6184460	298350	15.0	
10	6	6184411	298362	82.0	
10	7	6184364	298356	49.8	
10	8	6184323	298340	44.0	
10	9	6184323	298323	38.0	
10	10	6184255	298293	24.0	
10	11	6184273	298281	83.7	
10	12	6184272	298301	98.0	
10	13	6184328	298267	45.0	
A	1	6184272	297893	2.7	
A	2	6184278	297868	2.6	
A	3	6184281	297846	2.4	
A	4	6184287	297818	2.3	
A	5	6184293	297789	2.2	

A	6	6184299	297757	2.4	
A	7	6184303	297718	2.4	
A	8	6184308	297669	2.4	
B	1				No Access
C	1	6184325	297630	2.2	
C	2	6184339	297657	2.2	
C	3	6184354	297692	2.2	
C	4	6184361	297728	2.2	
C	5	6184353	297766	2.1	
C	6	6184342	297824	2.2	
C	7	6184341	299887	2.4	
C	8	6184363	297921	2.1	
C	9	6184384	297969	3.4	
C	10	6184410	298045	2.5	
D	1	6184374	297778	3.2	
D	2	6184379	297804	2.5	
D	3	6184381	297818	2.4	
D	4	6184384	297834	2.1	
D	5	6184387	297858	2.1	

E	1	6184401	297937	2.0	
E	2	6184402	297914	3.9	
E	3	6184403	297889	2.4	
E	4	6184403	297873	2.6	Methane Cage
E	5	6184402	297848	2.3	
E	6	6184400	297824	2.2	
E	7	6184395	297789	1.8	
F	1	6184413	297736	2.1	Methane Cage
F	2	6184433	297779	2.1	
F	3	6184435	297813	2.3	
F	4	6184436	297835	2.4	
F	5	6184440	297866	2.5	
F	6	6184439	297905	2.3	
F	7	6184432	297926	2.2	
F	8	6184427	297942	1.9	
G	1	6184452	297795	2.4	
G	2	6184462	297822	1.8	
G	3	6184472	297843	1.8	
G	4	6184472	297858	2.4	
G	5	6184462	297885	2.6	
G	6	6184457	297911	2.3	

G	7	6184457	297934	2.2	
G	8	6184454	297964	3.3	
H	1	6184457	298011	2.2	
H	2	6184466	297980	2.0	
H	3	6184474	297949	2.1	Methane Cage
H	4	6184480	297915	2.3	
H	5	6184484	297864	1.8	
H	6	6184485	297844	2.2	Methane Cage
I	1	6184494	297810	2.0	
I	2	6184493	297837	2.3	
I	3	6184490	297870	2.0	
I	4	6184485	297913	1.8	
I	5	6184479	297945	1.8	
I	6	6184473	297977	1.6	
I	7	6184460	298018	1.9	
J	1	6184521	298028	2.7	
J	2	6184521	298610	2.1	
J	3	6184520	297994	1.9	
J	4	6184521	297985	2.1	
J	5	6184528	287846	2.2	

J	6	6184511	297811	2.4	
K	1	6184583	298029	2.9	
K	2	6184584	297995	6.3	
K	3	6184587	297959	14.5	
K	4	6184589	297931	5.0	
K	5	6184577	297905	3.2	
K	6	6184547	297874	4.2	
L	1	6184603	297936	2.1	
L	2	6184596	297969	30.6	
L	3	6184593	297996	40.0	
L	4	6184595	298014	14.9	
L	5	6184603	298041	10.1	
M	1				No Access Stockpile
N	1				No Access Stockpile
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	1.9	
Crib Room	1	6184168	297974		Demolished

Methane Blank (Pre testing)	1			1.6	taken at entrance to Whytes Gully site before
Methane Blank (Post testing)	1			1.7	taken at entrance to Whytes Gully site before
GlennGary Cottage	Managers Office	6183896	297954	2.1	
GlennGary Cottage	Front Office	6183896	297954	2.2	
GlennGary Cottage	Meeting Room	6183896	297954	2.3	
GlennGary Cottage	Operations Room	6183896	297954	2.4	
GlennGary Cottage	Kitchen	6183896	297954	2.1	
GlennGary Cottage	Hallway	6183896	297954	2.2	
GlennGary Cottage	Store	6183896	297954	2.2	
GlennGary Cottage	Max reading gardens	6183896	297954	2.2	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.4	Tree down on fence line adjacent to house
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	2.1	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.2	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	2.2	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.2	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	2.1	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.1	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	1.9	
181 Reddalls Rd, Immediate gardens max value	1				

Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	2.1		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	2.2		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	2.1		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	1.8		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	2.1		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	2.5		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	2.3		
Lot 1 Farborough Rd, Immediate gardens max value	1			2.3		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.8	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	2.8	0.0003	Water/Gas Well
LFG MW3	3	6184062	298198	1.2	0.0001	Gas Well Only
LFG MW4	4	6184093	298257	3.7	0.0004	Water/Gas Well
LFG MW5	5	6184207	298327	6.0	0.0006	Water/Gas Well
LFG MW6	6	6184283	298371	10.6	0.0011	Gas Well Only
LFG MW7	7	6184410	298367	20.6	0.0021	Water/Gas Well
LFG MW8	8	6184408	298369	11.5	0.0012	Gas Well Only
LFG MW9	9	6184465	298370	7.5	0.0008	Gas Well Only
LFG MW10	10	6184492	298344	3.1	0.0003	Gas Well Only
LFG MW11	11	6184503	298294	9.6	0.0010	Gas Well Only

LFG MW12	12	6184511	298232	5.1	0.0005	Gas Well Only
----------	----	---------	--------	-----	--------	---------------
