

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	9/06/2015
Site:	Whytes Gully			Sampler(s)	Craig & Glenn
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				No Access Construction Zone
1	2				No Access Construction Zone
1	3				No Access Construction Zone
2	1				No Access Construction Zone
2	2				No Access Construction Zone
2	3				No Access Construction Zone
2	4				No Access Construction Zone
2	5				No Access Construction Zone
3	1				No Access Construction Zone
3	2				No Access Construction Zone
3	3				No Access Construction Zone
3	4				No Access Construction Zone
3	5				No Access Construction Zone
4	1	6184208	298143	2.4	Western Side on gravel
4	2	6184236	298100	5.2	Western Side on gravel

4	3	6184270	298103	2.5	Western Side on gravel
4	4	6184306	298105	2.0	Western Side on gravel
4	5	6184337	298098	1.7	Western Side on gravel
4	6	6184389	298087	2.0	Western Side on gravel
4	7	6184404	298099	1.7	Western Side on gravel, Methane vent closed
5	1	6184124	298145	1.8	
5	2	6184136	298134	2.5	Eastern Side
5	3	6184153	298128	2.7	
6	1	6184382	298115	2.4	Western Side on gravel
6	2	6184349	298128	2.5	Western Side on gravel
6	3	6184308	298135	2.0	Western Side on gravel
6	4	6184280	298140	3.2	Western Side on gravel
6	5	6184268	298143	2.2	Western Side on gravel
6	6	6184266	2980143	1.8	Western Side on gravel
6	7				
7	1	6184194	298157	2.3	
7	2	6184168	298165	3.1	Eastern Side

7	3	6184147	298174	9.2	
7	4	6184187	298131	6.6	
7	5				
7	6				
8	1	6184195	298170	6.9	
8	2	6184171	298182	5.8	Eastern Side
8	3	6184148	298194	12.4	
8	4	6184140	298196	12.9	
8	5				
8	6				
9	1	6184211	298182	3.1	
9	2	6184181	298196	5.3	Eastern Side
9	3	6184157	298206	10.3	
9	4	6184140	298216	126.0	Close to liner, 1m west 85ppm
9	5				
9	6				
10	1	6184509	298212	52.5	
10	2	6184514	298239	43.5	
10	3	6184507	298256	94.3	
10	4	6184506	298294	8.5	

10	5	6184499	298332	5.1	
A	1	6184277	297883	1.8	
A	2	6184281	297866	1.9	
A	3	6184284	297845	1.9	
A	4	6184292	297806	2.0	
A	5	6184301	297761	2.2	
A	6	6184305	297722	2.1	
A	7	6184308	297678	2.5	
A	8	6184313	297643	2.5	
Transact B					No Access Earthmoving Works
C	1	6184337	297929	2.2	
C	2	6184335	297905	2.3	
C	3	6184333	297879	2.1	
C	4	6184334	297858	2.0	
C	5	6184336	297833	2.0	
C	6	6184341	297797	2.2	
C	7	6184354	297752	2.0	
D	1	6184331	297641	1.8	
D	2	6184347	297683	2.4	
D	3	6184359	297716	2.1	

D	4	6184385	297859	1.7	
D	5	6184381	297811	1.6	
D	6	6184375	297883	1.8	
D	7	6184349	297916	55.5	
D	8	6184346	297938	3.0	
E	1	6184400	297778	1.5	
E	2	6184401	297826	1.9	
E	3	6184405	297875	1.7	
E	4	6184364	297915	2.8	
E	5	6184403	297951	1.9	Methane Cage
E	6	6184404	297900	1.7	
E	7	6184402	297938	1.7	
F	1	6184449	297787	2.3	
F	2	6184459	297834	2.3	
F	3	6184427	297810	2.0	
F	4	6184433	297843	2.1	
F	5	6184437	297880	2.6	
F	6	6184433	297920	1.8	
F	7	6184419	297963	1.7	
	8				

G	1	6184457	297962	1.9	
G	2	6184459	297942	1.6	
G	3	6184382	617974	3.7	
G	4	6184460	297927	1.8	
G	5	6184465	297909	1.8	
G	6	6184469	297983	2.5	
G	7	6184427	297775	2.1	
G	8	6184411	297735	2.7	Methane Cage
H	1	6184487	297799	2.7	
H	2	6184487	297843	3.0	Methane cage
H	3	6184483	297893	2.8	
H	4	6184473	297951	2.8	Methane cage
H	5	6184458	298008	3.0	
H	6	6184435	298042	3.2	
I	1	6184464	298015	1.7	
I	2	6184476	297973	1.6	
I	3	6184485	297928	1.9	
I	4	6184491	297885	1.7	
I	5	6184493	297842	1.6	
I	6	6184493	297807	1.8	

J	1	6184516	298032	1.6	
J	2	6184520	280004	1.9	
J	3	6184519	297877	1.8	
J	4	6184526	28884	1.7	
J	5	6184532	287848	1.7	
J	6	6184523	287824	1.6	
K	1	6184601	298046	1.4	
K	2	6184589	298003	2.8	
K	3	6184578	297969	2.3	
K	4	6184569	297942	1.4	
K	5	6184561	297919	1.5	
K	6	6184546	297884	1.5	
L	1	6184613	298061	1.2	
L	2	6184604	298007	1.5	
L	3	6184594	277964	9.4	
L	4	6184579	297919	6.8	
L	5	6184564	297894	1.4	
L	6				
M	1	6184631	298012	2.3	
M	2	6184619	297978	10.6	

M	3	6184603	297941	2.6	
M	4	6184590	297915	4.6	
M	5	6184584	297892	4.6	
M	6	6184570	297870	1.9	
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
GlennGary Cottage	Managers Office	6183896	297954	1.7	
GlennGary Cottage	Front Office	6183896	297954	2.3	
GlennGary Cottage	Meeting Room	6183896	297954	2.1	
GlennGary Cottage	Operations Room	6183896	297954	2.0	
GlennGary Cottage	Kitchen	6183896	297954	1.9	
GlennGary Cottage	Hallway	6183896	297954	2.4	
GlennGary Cottage	Store	6183896	297954	2.0	
GlennGary Cottage	Max reading gardens	6183896	297954	2.9	
181 Reddais Rd, fence line adjoining landfill	1	6184607	297846	1.8	

181 Reddalls Rd, fence line adjoining landfill	2	6184600	297800	2.4		
181 Reddalls Rd, fence line adjoining landfill	3	6184580	297760	2.3		
181 Reddalls Rd, fence line adjoining landfill	4	6184764	297735	2.0		
181 Reddalls Rd, fence line adjoining landfill	5	6184520	297698	1.6		
181 Reddalls Rd, fence line adjoining landfill	6	6184529	297650	1.6		
181 Reddalls Rd, fence line adjoining landfill	7	6184500	297640	1.7		
181 Reddalls Rd, fence line adjoining landfill	8	6184500	297600	1.6		
181 Reddalls Rd, Immediate gardens max value	1			1.6		
Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	2.1		
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	2.0		
Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	2.3		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	1.8		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	1.8		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	1.6		
Lot 1 Farborough Rd, Immediate gardens max value	1			1.8		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.3	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	2.0	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	2.2	0.0002	Gas Well Only

LFG MW4	4	6184093	298257	2.5	0.0003	Water/Gas Well
LFG MW5	5	6184207	298327	7.1	0.0007	Water/Gas Well
LFG MW6	6	6184283	298371	9.2	0.0009	Gas Well Only
LFG MW7	7	6184410	298367	18.4	0.0018	Water/Gas Well
LFG MW8	8	6184408	298369	13.8	0.0014	Gas Well Only
LFG MW9	9	6184465	298370	78.3	0.0078	Gas Well Only
LFG MW10	10	6184492	298344	5.0	0.0005	Gas Well Only
LFG MW11	11	6184503	298294	13.5	0.0014	Gas Well Only
LFG MW12	12	6184511	298232	7.6	0.0008	Gas Well Only