

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	21/09/2016
Site:	Whytes Gully			Sampler(s)	Craig & Robert
Transact / Location	Point	GPS North	GPS East	CH4 Conc (ppm)	Comments
1	1				No access active landfill
1	2				No access active landfill
1	3				No access active landfill
1	4				No access active landfill
1	5				No access active landfill
2	1				No access active landfill
2	2				No access active landfill
2	3				No access active landfill
2	4				No access active landfill
2	5				No access active landfill
3	1				No access active landfill
3	2				No access active landfill
3	3				No access active landfill
3	4				No access active landfill
3	5				No access active landfill
3	6				

4	1				No access active landfill
4	2				No access active landfill
4	3				No access active landfill
4	4				No access active landfill
4	5				No access active landfill
4	6				No access active landfill
5	1				No access active landfill
5	2				No access active landfill
5	3				No access active landfill
5	4				No access active landfill
5	5				No access active landfill
5	6				No access active landfill
6	1	6184373	298099	66.0	Gravel Side
6	2	6184347	298107	17.6	Gravel Side
6	3	6184324	298114	7.2	Gravel Side
6	4	6184304	298118	11.0	Gravel Side
6	5	6184272	298118	5.3	Gravel Side
6	6	6184247	298124	8.6	Gravel Side
6	7	6184218	298136	7.3	Gravel Side

7	1	6184189	298157	11.0	Grass Side
7	2	6184172	298161	13.0	Grass Side
7	3	6184155	298168	10.8	Grass Side
7	4	6184139	298175	11.5	Grass Side
7	5	6184123	298178	19.1	Grass Side
8	1	6184234	298163	3.3	Gravel Side
8	2	6184263	298157	5.1	Gravel Side
8	3	6184289	298147	30.1	Gravel Side
8	4	6184318	298147	3.6	Gravel Side
8	5	6184359	298140	3.8	Gravel Side
8	6	6184383	298135	4.1	Gravel Side
9	1	6184210	298183	3.3	
9	2	6184193	298190	2.9	
9	3	6184178	298197	3.1	
9	4	6184160	298205	3.8	
9	5	6184138	298215	1208.0	1m north 540ppm, 1m south 11.8ppm
10	1	6184500	298221	70.0	
10	2	6184498	298245	65.0	
10	3	6184492	298279	13.2	

	10	4	6184493	298313	10.8	
	10	5	6184479	298350	7.8	
A		1	6184274	297892	2.3	
A		2	6184280	297868	2.3	
A		3	6184283	297843	2.1	
A		4	6184291	297800	2.2	
A		5	6184298	297764	2.4	
A		6	6184303	297721	2.2	
A		7	6184308	297681	2.0	
A		8	6184321	297626	2.2	
B		1				No Access
B		2				No Access
B		3				No Access
B		4				No Access
B		5				No Access
						No Access
C		1	6184329	297641	1.7	
C		2	6184344	297679	2.2	
C		3	6184356	297724	1.9	
C		4	6184352	297757	1.7	

C	5	6184341	297820	2.3	
C	6	6184341	297894	1.9	
C	7	6184376	297952	2.4	
C	8	6184402	298025	2.2	
C	9	6184412	298051	2.6	
D	1	6184372	297720	3.5	
D	2	6184376	297789	4.8	
D	3	6184380	297810	4.0	
D	4	6184383	297832	3.1	
D	5	6184438	297863	2.6	
E	1	6184405	297944	4.0	
E	2	6184404	297923	26.1	
E	3	6184406	297901	3.6	
E	4	6184407	297878	3.8	Methane Cage
E	5	6184405	297853	2.8	
E	6	6184402	297822	3.6	
E	7	6184398	297797	2.6	
E	7	6184399	297779	2.9	
F	1	6184424	297957	2.2	
F	2	6184431	297937	2.2	

F	3	6184435	297920	2.2	
F	4	6184436	297906	5.2	
F	5	6184432	297840	3.3	
F	6	6184427	297810	2.8	
F	7	6184418	297761	2.8	
F	8	6184405	297730	4.3	Methane Cage
G	1	6184456	297795	2.9	
G	2	6184455	297816	2.8	
G	3	6184468	297844	2.8	
G	4	6184472	297881	2.5	Methane Cage
G	5	6184464	297906	2.9	
G	6	6184460	297924	2.5	
G	7	6184459	297942	2.4	
H	1	6184435	298040	4.9	
H	2	6184456	298009	5.5	
H	3	6184465	297976	2.6	
H	4	6184472	297947	2.8	Methane Cage
H	5	6184481	297998	2.6	
H	6	6184486	297845	2.8	Methane Cage
I	1	6184494	297803	3.0	

I	2	6184494	297836	6.4	
I	3	6184493	297879	2.6	
I	4	6184487	297920	3.0	
I	5	6184477	297968	2.6	
I	6	6184464	298014	4.4	
J	1	6184506	298035	3.3	
J	2	6184513	298013	3.2	
J	3	6184516	287979	3.4	
J	4	6184530	287903	4.0	
J	5	6184525	297879	3.4	
J	6	6184524	297853	3.0	
K	1	6184595	298041	3.3	
K	2	6184580	298013	3.2	
K	3	6184570	297987	3.4	
K	4	6184567	297949	4.0	
K	5	6184543	297891	3.4	
K	6	6184537	297871	3.0	
L	1	6184608	298047	2.8	
L	2	6184596	298016	11.8	
L	3	6184590	297981	10.8	

L	4	6184587	297928	13.0	
L	5	6184457	297903	45.0	
L	6	6184564	297886	31.6	
M	1				No Access Excavation in Progress
M	2				No Access Excavation in Progress
M	3				No Access Excavation in Progress
M	4				No Access Excavation in Progress
M	5				No Access Excavation in Progress
M	6				No Access Excavation in Progress
N	1				No Access Excavation in Progress
N	2				No Access Excavation in Progress
N	3				No Access Excavation in Progress
N	4				No Access Excavation in Progress
N	5				No Access Excavation in Progress
N	6				No Access Excavation in Progress
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	2.1	

Crib Room	1	6184168	297974		Demolished
GlennGary Cottage	Managers Office	6183896	297954	2.8	
GlennGary Cottage	Front Office	6183896	297954	2.5	
GlennGary Cottage	Meeting Room	6183896	297954	2.7	
GlennGary Cottage	Operations Room	6183896	297954	2.7	
GlennGary Cottage	Kitchen	6183896	297954	2.8	
GlennGary Cottage	Hallway	6183896	297954	2.8	
GlennGary Cottage	Store	6183896	297954	2.7	
GlennGary Cottage	Max reading gardens	6183896	297954	2.0	
181 Reddalls Rd, fence line adjoining landfill	1	6184607	297846	2.4	
181 Reddalls Rd, fence line adjoining landfill	2	6184600	297800	2.4	
181 Reddalls Rd, fence line adjoining landfill	3	6184580	297760	2.4	
181 Reddalls Rd, fence line adjoining landfill	4	6184764	297735	2.5	
181 Reddalls Rd, fence line adjoining landfill	5	6184520	297698	2.5	
181 Reddalls Rd, fence line adjoining landfill	6	6184529	297650	2.4	
181 Reddalls Rd, fence line adjoining landfill	7	6184500	297640	2.3	
181 Reddalls Rd, fence line adjoining landfill	8	6184500	297600	2.0	
181 Reddalls Rd, immediate gardens max value	1			2.0	
Lot 1 Farborough Rd, fence line adjoining landfill	1	6184554	298380	2.4	
Lot 1 Farborough Rd, fence line adjoining landfill	2	6184544	298337	2.9	

Lot 1 Farborough Rd, fence line adjoining landfill	3	6184552	298284	3.1		
Lot 1 Farborough Rd, fence line adjoining landfill	4	6184591	298231	2.8		
Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178	3.4		
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138	3.0		
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107	3.0		
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	2.9		
Lot 1 Farborough Rd, Immediate gardens max value	1					
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.5	0.0003	Gas Well Only
LFG MW2	2	6184055	298045	4.8	0.0005	Water/Gas Well
LFG MW3	3	6184062	298198	6.5	0.0007	Gas Well Only
LFG MW4	4	6184093	298257	3.5	0.0004	Water/Gas Well
LFG MW5	5	6184207	298327	10.1	0.0010	Water/Gas Well
LFG MW6	6	6184283	298371	7.1	0.0007	Gas Well Only
LFG MW7	7	6184410	298367	9.3	0.0009	Water/Gas Well
LFG MW8	8	6184408	298369	19.2	0.0019	Gas Well Only
LFG MW9	9	6184465	298370	4.5	0.0005	Gas Well Only
LFG MW10	10	6184492	298344	13.5	0.0014	Gas Well Only
LFG MW11	11	6184503	298294	5.8	0.0006	Gas Well Only
LFG MW12	12	6184511	298232	5.6	0.0006	Gas Well Only