

ALS Landfill Emissions Report

Client:		Wollongong City Council			Date:	11/10/2016
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	6184105	298153	1.90	Grass Side	
3	2	6184116	298144	2.00	Grass Side	
3	3	6184130	298138	2.40	Grass Side	
3	4	6184150	298134	2.10	Grass Side	
3	5					
3						

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	6184175	298165	4.30	Grass Side
5	2	6184164	298166	4.00	Grass Side
5	3	6184151	298172	4.60	Grass Side
5	4	6184139	298177	44.10	Grass Side
5	5	6184124	298182	8.70	Grass Side
5	6				
6	1	6184215	298142	25.0	Gravel Side
6	2	6184235	298135	10.1	Gravel Side
6	3	6184264	298124	6.6	Gravel Side
6	4	6184287	298124	6.8	Gravel Side
6	5	6184314	298126	5.8	Gravel Side
6	6	6184329	298118	86.5	Gravel Side
7	1	6184191	298170	5.4	Grass Side

7	2	6184178	298179	4.0	Grass Side
7	3	6184160	298188	4.0	Grass Side
7	4	6184146	298196	3.6	Grass Side
7	5	6184130	298204	3.1	Grass Side
8	1	6184352	298139	14.5	Gravel Side
8	2	6184320	298148	5.0	Gravel Side
8	3	6184300	298146	3.5	Gravel Side
8	4	6184276	298147	3.2	Gravel Side
8	5	6184263	298154	9.5	Gravel Side
8	6	6184241	298164	5.6	Gravel Side
9	1	6184212	298178	9.0	Grass Side
9	2	6184201	298186	5.7	Grass Side
9	3	6184185	298193	5.6	Grass Side
9	4	6184171	298200	4.8	Grass Side
9	5	6184155	298208	3.8	Grass Side
9	6	6184135	298216	9.0	Grass Side
10	1	6184478	298211	10.8	
10	2	6184490	298237	3.1	
10	3	6184484	298385	5.6	

	10	4	6184486	298305	6.0	
	10	5	6184326	298356	4.2	
A		1	6184275	297891	5.3	
A		2	6184277	297883	4.1	
A		3	6184283	297853	4.0	
A		4	6184290	297822	2.9	
A		5	6184297	297782	2.8	
A		6	6184300	297754	2.6	
A		7	6184304	297716	2.9	
A		8	6184307	297688	2.9	
B		1				No Access
B		2				No Access
B		3				No Access
B		4				No Access
B		5				No Access
						No Access
C		1	6184400	298022	2.2	
C		2	6184387	297988	2.2	
C		3	6184371	297943	2.5	
C		4	6184337	297888	2.4	

C	5	6184345	297800	3.5	
C	6	6184356	297714	3.6	
C	7	6184340	297664	3.2	
C	8	6184329	297640	3.4	
D	1	6184374	297765	2.5	
D	2	6184377	297790	2.3	
D	3	6184381	297813	2.1	
D	4	6184384	297840	2.4	
D	5	6184387	297865	2.5	
E	1	6184402	297941	2.4	
E	2	6184402	297911	2.4	
E	3	6184404	297877	3.3	
E	4	6184403	297858	3.0	
E	5	6184402	297837	2.8	
E	6	6184399	297810	2.6	
E	7	6184399	297781	2.4	
F	1	6184426	297952	2.4	
F	2	6184434	297922	4.0	
F	3	6184437	297906	2.4	
F	4	6184438	297870	3.0	

F	5	6184432	297836	2.5	
F	6	6184428	297807	2.9	
F	7	6184421	297771	2.7	
F	8	6184453	297815	2.4	Methane Cage
G	1	6184457	297790	2.2	
G	2	6184451	297806	2.2	
G	3	6184463	297837	2.4	
G	4	6184458	297910	2.4	
G	5	6184466	297900	3.6	
G	6	6184458	297932	3.4	
G	7	6184457	297961	2.8	
H	1	6184482	297811	5.0	
H	2	6184481	297849	8.1	
H	3	6184476	297911	11.0	
H	4	6184468	297954	80.1	Methane Cage
H	5	6184461	297984	2.4	
H	6	6184444	298027	2.5	
I	1	6184461	298014	2.8	
I	2	6184476	297959	7.5	
I	3	6184483	297919	2.4	

I	4	6184487	297885	2.7	
I	5	6184488	297851	3.0	
I	6	6184448	297814	3.4	
J	1	6184502	298030	2.3	
J	2	6184510	298004	1.8	
J	3	6184515	297980	2.1	
J	4	6184524	297877	1.6	
J	5	6184530	297871	2.1	
J	6	6184525	297847	2.0	
K	1	6184581	2980034	2.7	
K	2	6184581	298028	3.2	
K	3	6184568	297986	2.7	
K	4	6184565	297959	4.5	
K	5	6184544	297889	2.4	
K	6	6184535	297865	2.3	
L	1	6184599	298026	11.8	
L	2	6184588	297984	10.7	
L	3	6184584	298951	8.9	
L	4	6184579	297911	4.0	
L	5	6184565	297888	2.5	

L	6				
M	1				
M	2				
M	3				
M	4				
M	5				
M	6				
N	1				No Access too wet
N	2				No Access too wet
N	3				No Access too wet
N	4				No Access too wet
N	5				No Access too wet
N	6				No Access too wet
SWERF	1	6183995	297994		Locked. No Access.
SWERF	1	6184011	297961		Locked. No Access.
Weighbridge	1	6184042	297748	3.8	
Crib Room	1	6184168	297974		Demolished

GlennGary Cottage	Managers Office	6183896	297954	3.0	
GlennGary Cottage	Front Office	6183896	297954	3.0	
GlennGary Cottage	Meeting Room	6183896	297954		N/A Meeting in progress
GlennGary Cottage	Operations Room	6183896	297954	3.0	
GlennGary Cottage	Kitchen	6183896	297954	2.6	
GlennGary Cottage	Hallway	6183896	297954	2.8	
GlennGary Cottage	Store	6183896	297954	3.1	
GlennGary Cottage	Max reading gardens	6183896	297954	3.2	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	1.7	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	1.7	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	1.6	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	1.9	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	1.5	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	1.7	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	1.8	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	1.8	
181 Reddalls Rd, Immediate gardens max value	1				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380		To wet to access
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337		To wet to access
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284		To wet to access
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231		To wet to access

Lot 1 Farborough Rd, fence line adjoining landfill	5	6184613	298178			To wet to access
Lot 1 Farborough Rd, fence line adjoining landfill	6	1684634	298138			To wet to access
Lot 1 Farborough Rd, fence line adjoining landfill	7	6184647	298107			To wet to access
Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061			To wet to access
Lot 1 Farborough Rd, Immediate gardens max value	1					To wet to access
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	1.9	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	1.6	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	1.8	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	6.1	0.0006	Water/Gas Well
LFG MW5	5	6184207	298327	5.7	0.0006	Water/Gas Well
LFG MW6	6	6184283	298371	7.5	0.0008	Gas Well Only
LFG MW7	7	6184410	298367	6.0	0.0006	Water/Gas Well
LFG MW8	8	6184408	298369	11.2	0.0011	Gas Well Only
LFG MW9	9	6184465	298370	4.9	0.0005	Gas Well Only
LFG MW10	10	6184492	298344	5.0	0.0005	Gas Well Only
LFG MW11	11	6184503	298294	13.1	0.0013	Gas Well Only
LFG MW12	12	6184511	298232	7.4	0.0007	Gas Well Only
