

ALS Landfill Emissions Report

Client:	Wollongong City Council			Date:	10/02/2016
Site:	Whytes Gully			Sampler(s)	Glenn & Craig
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				No access active landfill

3	7				No access active landfill
3	8				No access active landfill
3	9				No access active landfill
4	1	6184192	298107	6.2	Gravel
4	2	6184231	298078	7.8	Gravel
4	3	6184295	298072	6.4	Gravel
4	4	6184330	298070	27.3	Gravel
4	5	6184346	298061	2.4	Gravel
5	1	6184119	298145	4.5	Grass
5	2	6184134	298139	7.0	Grass
5	3	6184153	298133	11.2	Grass
6	1				
6	2				
6	3				
6	4				
6	5				
6	6				
6	7				
7	1	6184187	298160	20.1	

7	2	6184165	298165	10.0	
7	3	6184150	298173	1.6	
7	4	6184133	298179	3.5	
8	1	6184385	298099	2.0	Methane Pipe
8	2	6184348	298114	2.7	Gravel
8	3	6184298	298125	1.6	Gravel
8	4	6184243	298148	2.2	Gravel
8	5	6184193	298172	13.8	Gravel
8	6	6184175	298185	7.6	Grass
8	7	6184157	298195	6.3	Grass
8	8	6184137	298205	3.1	Grass
9	1	6184213	298180	13.2	
9	2	6184197	298187	10.6	
9	3	6184175	298200	12.0	
9	4	6184156	298207	11.5	
9	5	6184138	298215	85.0	
10	1	6184499	298212	31.3	
10	2	6184498	298246	54.8	
10	3	6184492	298272	6.3	

	10	4	6184494	298317	6.4	
	10	5	6184479	298351	11.2	
A		1	6184274	297994	1.6	
A		2	6184279	297871	1.7	
A		3	6184282	297838	1.6	
A		4	6184261	297834	1.7	
A		5	6184280	297831	1.9	
A		6	6184280	297684	1.9	
A		7	6184305	297679	1.5	
A		8	6184314	297650	1.6	
B		1				No Access
B		2				No Access
B		3				No Access
B		4				No Access
B		5				No Access
						No Access
C		1	6184335	297655	1.9	
C		2	6184362	297770	1.7	
C		3	6184362	297813	1.9	
C		4	6184332	297931	2.8	

C	5	6184337	297893	1.6	
C	6	6184367	297936	3.4	
C	7	6184390	297993	2.0	
C	8	6184417	298054	2.4	
D	1	6184375	297767	2.3	
D	2	6184382	297800	2.5	
D	3	6184387	297838	2.7	
D	4	6184390	297865	2.7	
E	1	6184402	297939	2.3	
E	2	6184404	297909	2.7	
E	3	6184406	297874	2.1	Methane Cage
E	4	6184404	297838	2.3	
E	5	618400	297803	2.3	
E	6	618400	297778	2.6	
F	1	6184486	297847	1.6	Methane Cage
F	2	6184466	297841	2.1	
F	3	6184422	297770	1.3	
F	4	6184490	297814	1.2	
F	5	6184438	297853	1.9	
F	6	6184440	298904	1.2	

F	7	6184433	297926	1.5	
F	8	6184423	297957	1.9	
G	1	6184459	297780	2.3	
G	2	6184470	297856	1.0	
G	3	6184471	297884	1.4	Methane Cage
G	4	6184465	297910	1.2	
G	5	6184460	297935	1.4	
G	6	6184458	297964	1.5	
H	1	6184437	298062	2.2	
H	2	6184464	297989	2.2	
H	3	6184472	297945	2.6	Methane cage
H	4	6184484	297895	2.5	
H	5	6184487	297857	3.2	
H	6	6184488	297836	2.6	Methane cage
I	1	6184463	298022	1.4	
I	2	6184478	297971	2.1	
I	3	6184485	297936	1.5	
I	4	6184493	297884	1.4	
I	5	6184496	297845	1.3	
I	6	6184496	297811	1.3	

J	1	6184503	298062	2.6	
J	2	6184521	280009	1.3	
J	3	6184520	288009	0.8	
J	4	6184567	287982	4.3	
J	5	6184525	287890	2.4	
J	6	6184520	287836	2.4	
K	1	6184597	298055	1.3	
K	2	6184581	298020	0.8	
K	3	6184558	297953	1.3	
K	4	6184550	297913	1.4	
K	5	6184542	297882	2.4	
K	6	6184534	297863	2.6	
L	1	6184619	298052	1.3	
L	2	6184611	297992	2.5	
L	3	6184598	297954	80.6	
L	4	6184584	297923	19.4	
L	5	6184557	297886	2.6	
L	6	6184547	297866	2.6	
M	1	6184607	297872	2.9	

M		2	6184598	297896	1.4	
M		3	6184591	297907	12.8	
M		4	6184582	297941	18.1	
M		5	6184567	297977	2.6	
M		6	6184551	298226	2.3	
N		1				
N		2				
N		3				
N		4				
N		5				
N		6				
SWERF		1	6183995	297994		Locked. No Access.
SWERF		1	6184011	297961		Locked. No Access.
Weighbridge		1	6184042	297748	3.0	
Crib Room		1	6184168	297974		Demolished
GlennGary Cottage	Managers Office		6183896	297954	2.6	
GlennGary Cottage	Front Office		6183896	297954	2.6	
GlennGary Cottage	Meeting Room		6183896	297954	2.5	

GlennGary Cottage	Operations Room	6183896	297954	2.6	
GlennGary Cottage	Kitchen	6183896	297954	2.7	
GlennGary Cottage	Hallway	6183896	297954	2.6	
GlennGary Cottage	Store	6183896	297954	2.6	
GlennGary Cottage	Max reading gardens	6183896	297954	2.6	
181 Reddalls Rd, fenceline adjoining landfill	1	6184607	297846	2.3	
181 Reddalls Rd, fenceline adjoining landfill	2	6184600	297800	2.5	
181 Reddalls Rd, fenceline adjoining landfill	3	6184580	297760	2.8	
181 Reddalls Rd, fenceline adjoining landfill	4	6184764	297735	2.7	
181 Reddalls Rd, fenceline adjoining landfill	5	6184520	297698	2.6	
181 Reddalls Rd, fenceline adjoining landfill	6	6184529	297650	2.5	
181 Reddalls Rd, fenceline adjoining landfill	7	6184500	297640	2.4	
181 Reddalls Rd, fenceline adjoining landfill	8	6184500	297600	2.4	
181 Reddalls Rd, Immediate gardens max value	1				
Lot 1 Farborough Rd, fenceline adjoining landfill	1	6184554	298380	2.4	
Lot 1 Farborough Rd, fenceline adjoining landfill	2	6184544	298337	2.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	3	6184552	298284	2.3	
Lot 1 Farborough Rd, fenceline adjoining landfill	4	6184591	298231	2.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	5	6184613	298178	2.5	
Lot 1 Farborough Rd, fenceline adjoining landfill	6	1684634	298138	2.6	
Lot 1 Farborough Rd, fenceline adjoining landfill	7	6184647	298107	2.5	

Lot 1 Farborough Rd, fence line adjoining landfill	8	6184666	298061	2.1		
Lot 1 Farborough Rd, Immediate gardens max value	1			2.3		
Gas monitoring Wells				ppm	%V/V	
LFG MW1	1	6184088	297962	2.1	0.0002	Gas Well Only
LFG MW2	2	6184055	298045	1.8	0.0002	Water/Gas Well
LFG MW3	3	6184062	298198	1.8	0.0002	Gas Well Only
LFG MW4	4	6184093	298257	2.2	0.0002	Water/Gas Well
LFG MW5	5	6184207	298327	3.4	0.0003	Water/Gas Well
LFG MW6	6	6184283	298371	7.9	0.0008	Gas Well Only
LFG MW7	7	6184410	298367	18.5	0.0019	Water/Gas Well
LFG MW8	8	6184408	298369	7.3	0.0007	Gas Well Only
LFG MW9	9	6184465	298370	14.4	0.0014	Gas Well Only
LFG MW10	10	6184492	298344	3.8	0.0004	Gas Well Only
LFG MW11	11	6184503	298294	3.3	0.0003	Gas Well Only
LFG MW12	12	6184511	298232	5.5	0.0006	Gas Well Only