



Western Sydney Regional Odour Assessment

*Prepared for the NSW Environment
Protection Authority*

Eastern Creek, Kemps Creek & Erskine
Park, NSW

Volume 2 - Appendices

February 2013



Appendix A: FAOA SURVEY RESULT LOGSHEETS



FAOA RESULT LOGSHEET-

3 SEPTEMBER 2012

MORNING

FAOA - Session Summary (Odour Intensity)



Date: 3/09/12 Start Time: 6:00 AM End Time: 12:00 PM

Assessment Area: Eastern Creek Intensity \geq 1 Frequency \geq 10%

Location	6-1			6-2			6-3			7-24			7-17			7-16		
	Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2
0	36	56	77%	41	60	84%	60	59	99%	0	50	42%	27	56	69%	51	60	93%
1	0	4	3%	2	0	2%	0	1	1%	19	7	22%	17	4	18%	6	0	5%
2	18	0	15%	12	0	10%	0	0	0%	19	3	18%	16	0	13%	3	0	3%
3	6	0	5%	5	0	4%	0	0	0%	19	0	16%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	3	0	3%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	24	4	23%	19	0	16%	0	1	1%	60	10	58%	33	4	31%	9	0	8%
Freq Exceeded?	YES			YES			NO			YES			YES			NO		
≥ 2 's	24	0	20%	17	0	14%	0	0	0%	41	3	37%	16	0	13%	3	0	3%
Freq Exceeded?	YES			YES			NO			YES			YES			NO		

Location	7-25			7-26			4-6			4-7			4-36			4-37		
	Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2
0	23	52	63%	60	60	99%	37	50	36%	60	60	33%	60	60	25%	60	60	20%
1	24	4	17%	0	0	0%	21	6	10%	0	0	0%	0	0	0%	0	0	0%
2	7	1	5%	0	0	0%	2	4	2%	0	0	0%	0	0	0%	0	0	0%
3	4	3	4%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	2	0	1%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	37	8	38%	0	0	0%	23	10	28%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			NO			YES			NO			NO			NO		
≥ 2 's	13	4	14%	0	0	0%	2	4	5%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			NO			NO			NO			NO			NO		

Location	4-10			4-12			4-14			0			0			0		
	Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2
0	60	60	100%	54	55	91%	30	50	67%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	0	0	0%	4	3	6%	21	7	23%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	2	2	3%	7	1	7%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	0%	2	2	3%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	0	0	0%	6	5	9%	30	10	33%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			NO			NO			NO		
≥ 2 's	0	0	0%	2	2	3%	9	3	10%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			NO			NO			NO		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 3/09/12

Assessment Area: Eastern Creek Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>SW/W & < 1 m/s</u>						
Start: <u>7:00 AM</u> End: <u>7:10 AM</u>						
min-1	0	0	0	0	2	0
min-2	0	2	2	0	0	3
min-3	2	2	3	3	2	3
min-4	2	0	0	0	2	0
min-5	0	0	0	0	2	0
min-6	2	0	0	3	0	0
min-7	0	0	0	2	0	0
min-8	2	0	0	0	0	0
min-9	0	0	0	2	2	3
min-10	2	2	0	0	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>SW/W & < 1 m/s</u>						
Start: <u>7:25 AM</u> End: <u>7:35 AM</u>						
min-1	0	0	0	2	3	0
min-2	2	0	2	2	0	0
min-3	0	0	0	2	0	0
min-4	0	0	0	0	0	0
min-5	3	2	0	0	0	2
min-6	0	0	0	0	0	0
min-7	2	2	0	0	1	1
min-8	0	0	0	3	3	2
min-9	0	0	3	2	2	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-3</u>						
Wind Speed and Direction <u>SW/W & < 1 m/s</u>						
Start: <u>7:40 AM</u> End: <u>7:50 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N/NW & < 1 m/s</u>						
Start: <u>8:20 AM</u> End: <u>8:30 AM</u>						
min-1	3	3	3	3	3	2
min-2	2	2	3	3	3	3
min-3	3	4	4	4	3	3
min-4	3	3	3	3	2	2
min-5	3	3	2	2	2	2
min-6	1	1	1	2	2	3
min-7	2	2	2	1	1	1
min-8	1	1	1	1	2	2
min-9	1	1	1	1	2	2
min-10	1	1	1	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>N/NW & < 1 m/s</u>						
Start: <u>8:43 AM</u> End: <u>8:53 AM</u>						
min-1	1	2	2	0	0	0
min-2	1	2	2	0	0	0
min-3	1	1	1	2	2	2
min-4	0	0	2	2	2	1
min-5	2	2	1	1	0	0
min-6	2	2	1	1	1	1
min-7	1	1	2	2	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-16</u>						
Wind Speed and Direction <u>NW/W < 1 - 2 m/s</u>						
Start: <u>8:57 AM</u> End: <u>9:07 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	1	1	2	2	2
min-5	0	0	0	1	1	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 3/09/12

Assessment Area: Eastern Creek Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>SW/W & < 1 m/s</u>						
Start: <u>7:00 AM</u> End: <u>7:10 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	1	0	1	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	1	0	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>SW/W & < 1 m/s</u>						
Start: <u>7:25 AM</u> End: <u>7:35 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-3</u>						
Wind Speed and Direction <u>SW/W & < 1 m/s</u>						
Start: <u>7:40 AM</u> End: <u>7:50 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N/NW & < 1 m/s</u>						
Start: <u>8:20 AM</u> End: <u>8:30 AM</u>						
min-1	2	2	1	0	0	0
min-2	0	0	2	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	1	0	1	0
min-8	0	0	0	0	0	0
min-9	0	0	1	0	1	0
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>N/NW & < 1 m/s</u>						
Start: <u>8:43 AM</u> End: <u>8:53 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	0	0	0
min-5	0	0	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	1	0	0
min-10	0	0	0	0	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-16</u>						
Wind Speed and Direction <u>NW/W < 1 - 2 m/s</u>						
Start: <u>8:57 AM</u> End: <u>9:07 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 3/09/12

Assessment Area: Eastern Creek Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>7-25</u>						
Wind Speed and Direction <u>NW 1 - 2 m/s</u>						
Start: <u>9:10 AM</u> End: <u>9:20 AM</u>						
min-1	3	3	4	4	3	3
min-2	2	2	2	1	1	0
min-3	0	1	1	1	0	0
min-4	1	1	1	1	0	0
min-5	1	1	1	0	0	0
min-6	1	1	1	0	0	0
min-7	0	0	1	1	2	2
min-8	1	1	1	0	0	0
min-9	0	0	0	1	1	2
min-10	2	1	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-26</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>9:30 AM</u> End: <u>9:40 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>10:20 AM</u> End: <u>10:30 AM</u>						
min-1	0	0	0	0	0	0
min-2	1	1	2	2	1	1
min-3	0	0	1	1	0	0
min-4	0	0	0	0	1	1
min-5	0	0	0	1	1	1
min-6	0	0	0	0	1	0
min-7	0	0	0	0	0	0
min-8	0	0	0	1	1	1
min-9	1	1	1	0	0	0
min-10	1	1	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>10:36 AM</u> End: <u>10:46 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N/NW 2 - 6 m/s</u>						
Start: <u>10:57 AM</u> End: <u>11:07 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>NW 1 - 2 m/s</u>						
Start: <u>11:10 AM</u> End: <u>11:20 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 3/09/12

Assessment Area: Eastern Creek Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>7-25</u>						
Wind Speed and Direction <u>NW 1 - 2 m/s</u>						
Start: <u>9:10 AM</u> End: <u>9:20 AM</u>						
min-1	0	3	3	3	2	1
min-2	0	0	0	0	0	0
min-3	0	0	0	0	1	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	1	1	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-26</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>9:30 AM</u> End: <u>9:40 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>10:20 AM</u> End: <u>10:30 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	2	2	0	1	1	0
min-4	0	0	1	0	0	0
min-5	1	0	0	0	0	0
min-6	0	0	1	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	2	0	2	0
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>10:36 AM</u> End: <u>10:46 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N/NW 2 - 6 m/s</u>						
Start: <u>10:57 AM</u> End: <u>11:07 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>NW 1 - 2 m/s</u>						
Start: <u>11:10 AM</u> End: <u>11:20 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 3/09/12

Assessment Area: Eastern Creek Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>11:23 AM</u> End: <u>11:33 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-12</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>11:35 AM</u> End: <u>11:45 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	1	0
min-9	0	0	2	1	1	2
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>W/SW 1 - 2 m/s</u>						
Start: <u>11:53 AM</u> End: <u>12:03 PM</u>						
min-1	1	1	2	2	3	3
min-2	1	1	1	2	1	1
min-3	0	0	0	1	1	0
min-4	1	1	1	2	1	1
min-5	1	1	2	2	1	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	1	1	0	0	0
min-9	0	2	1	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 3/09/12

Assessment Area: Eastern Creek Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>11:23 AM</u> End: <u>11:33 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-12</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>11:35 AM</u> End: <u>11:45 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	1	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	1	1	0	0	0
min-9	0	2	2	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>W/SW 1 - 2 m/s</u>						
Start: <u>11:53 AM</u> End: <u>12:03 PM</u>						
min-1	1	1	3	3	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	2	1	0	0	0
min-6	0	1	0	0	0	0
min-7	0	0	1	0	0	0
min-8	0	0	0	1	0	0
min-9	0	0	0	0	1	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure



FAOA RESULT LOGSHEET-

3 SEPTEMBER 2012

EVENING

FAOA - Session Summary (Odour Intensity)



Date: 3/09/12

Start Time: 5:00 PM

End Time: 12:00 AM

Assessment Area: _____

Intensity ≥ 1 Frequency ≥ 10%

Location	6-25					7-24					6-22					6-1					6-2					3-10				
	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%
0	57	55	57	45	89%	6	16	1	0	10%	28	16	46	12	43%	22	33	48	28	55%	2	0	3	4	4%	30	30	30	30	100%
1	2	5	3	14	10%	4	8	0	3	6%	28	30	13	34	44%	28	21	7	24	33%	13	22	32	23	38%	0	0	0	0	0%
2	1	0	0	1	1%	10	10	6	7	14%	4	14	1	13	13%	9	6	5	8	12%	32	25	19	24	42%	0	0	0	0	0%
3	0	0	0	0	0%	16	24	19	20	33%	0	0	0	1	0%	1	0	0	0	0%	13	13	6	9	17%	0	0	0	0	0%
4	0	0	0	0	0%	24	2	34	26	36%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%
5	0	0	0	0	0%	0	0	0	4	2%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%
6	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%
≥ 1's	3	5	3	15	11%	54	44	59	60	90%	32	44	14	48	58%	38	27	12	32	45%	58	60	57	56	96%	0	0	0	0	0%
Freq Exceeded?	YES					YES					YES					YES					NO									
≥ 2's	1	0	0	1	1%	50	36	59	57	84%	4	14	1	14	14%	10	6	5	8	12%	45	38	25	33	59%	0	0	0	0	0%
Freq Exceeded?	NO					YES					YES					YES					NO									

Location	3-20					1-2					1-30					4-16					4-15					4-9				
	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%	P-3	P-4	P-5	P-6	%
0	30	30	30	30	100%	30	30	30	30	100%	20	50	16	15	42%	9	50	13	1	30%	0	32	33	6	30%	0	16	27	0	18%
1	0	0	0	0	0%	0	0	0	0	0%	26	9	26	37	41%	17	6	34	29	36%	13	18	24	24	33%	0	14	10	0	10%
2	0	0	0	0	0%	0	0	0	0	0%	13	1	13	8	15%	25	4	5	16	21%	28	10	3	17	24%	35	11	3	12	25%
3	0	0	0	0	0%	0	0	0	0	0%	1	0	5	0	3%	8	0	8	11	11%	19	0	0	13	13%	25	10	11	41	36%
4	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	1	0	0	3	2%	0	0	0	0	0%	0	7	7	7	9%
5	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	2	2	0	2%
6	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%
≥ 1's	0	0	0	0	0%	0	0	0	0	0%	40	10	44	45	58%	51	10	47	59	70%	60	28	27	54	70%	60	44	33	60	82%
Freq Exceeded?	NO					NO					YES					YES					YES									
≥ 2's	0	0	0	0	0%	0	0	0	0	0%	14	1	18	8	17%	34	4	13	30	34%	47	10	3	30	38%	60	30	23	60	72%
Freq Exceeded?	NO					NO					YES					YES					YES									

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 3/09/12

Assessment Area: Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>S/SE < 1 m/s</u>						
Start: <u>5:52 PM</u> End: <u>6:02 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	1	2	0	0	0
min-9	0	0	0	1	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>6:19 PM</u> End: <u>6:29 PM</u>						
min-1	0	0	0	0	0	0
min-2	1	1	1	2	3	3
min-3	4	3	2	2	3	4
min-4	2	2	3	2	1	3
min-5	3	3	4	3	4	3
min-6	3	2	2	4	4	3
min-7	4	4	4	4	3	4
min-8	4	4	4	4	4	4
min-9	4	4	4	4	4	4
min-10	3	3	2	2	3	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-22</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>6:40 PM</u> End: <u>6:50 PM</u>						
min-1	0	1	1	0	1	0
min-2	0	1	0	1	1	0
min-3	1	1	0	1	1	1
min-4	0	1	1	2	1	0
min-5	1	1	0	0	0	1
min-6	1	2	1	1	1	0
min-7	0	0	0	0	0	1
min-8	0	1	0	0	2	0
min-9	0	0	1	2	0	1
min-10	0	0	1	1	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	0	1	1	1	1	1
min-2	1	1	2	1	1	1
min-3	0	1	0	1	2	2
min-4	2	3	1	1	1	2
min-5	1	1	0	1	2	2
min-6	1	1	1	2	2	0
min-7	0	0	1	1	0	1
min-8	1	0	1	1	1	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>7:13 PM</u> End: <u>7:23 PM</u>						
min-1	3	2	2	2	2	2
min-2	2	2	2	3	3	3
min-3	3	3	2	3	3	3
min-4	2	3	3	2	2	2
min-5	1	2	2	2	1	2
min-6	0	1	1	2	1	0
min-7	1	2	1	2	2	1
min-8	1	2	2	2	1	2
min-9	2	1	2	2	1	1
min-10	2	2	2	2	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:52 PM</u> End: <u>7:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 3/09/12

Assessment Area: Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>SSE < 1 m/s</u>						
Start: <u>5:52 PM</u> End: <u>6:02 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	1	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	1	0
min-7	0	0	0	0	0	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>6:19 PM</u> End: <u>6:29 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	1	0
min-3	0	0	0	0	1	2
min-4	2	2	3	3	3	3
min-5	1	0	3	1	1	2
min-6	3	3	2	2	3	3
min-7	3	2	3	3	3	3
min-8	3	3	3	3	3	3
min-9	3	3	4	3	3	4
min-10	2	2	0	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-22</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>6:40 PM</u> End: <u>6:50 PM</u>						
min-1	2	2	2	2	2	2
min-2	1	1	1	1	2	2
min-3	1	1	1	1	1	1
min-4	1	1	1	1	1	1
min-5	1	0	0	1	0	1
min-6	0	1	0	1	1	1
min-7	1	0	0	0	0	1
min-8	0	0	0	0	0	0
min-9	1	1	0	1	2	2
min-10	2	2	2	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	1	1	2	2	1	1
min-2	1	1	2	1	1	2
min-3	1	1	0	0	0	0
min-4	1	2	2	1	0	0
min-5	0	1	0	0	0	1
min-6	0	1	1	1	1	1
min-7	0	0	1	0	0	0
min-8	0	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>7:13 PM</u> End: <u>7:23 PM</u>						
min-1	2	2	3	3	3	3
min-2	2	1	1	1	1	1
min-3	2	2	2	3	3	3
min-4	1	1	2	1	1	1
min-5	3	3	3	3	3	3
min-6	2	1	1	1	1	1
min-7	1	2	2	2	2	2
min-8	1	1	2	2	1	1
min-9	1	2	2	1	2	2
min-10	2	2	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:52 PM</u> End: <u>7:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 3/09/12

Assessment Area: _____ Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>SSE < 1 m/s</u>						
Start: <u>5:52 PM</u> End: <u>6:02 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	1	1	0
min-7	0	0	0	0	0	0
min-8	0	0	1	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>6:19 PM</u> End: <u>6:29 PM</u>						
min-1	0	2	3	3	2	2
min-2	3	3	3	3	3	3
min-3	3	4	4	4	4	4
min-4	4	3	4	4	4	4
min-5	4	3	3	2	3	4
min-6	2	2	3	4	4	4
min-7	4	4	4	4	4	4
min-8	4	4	4	4	4	4
min-9	3	4	4	4	4	4
min-10	4	4	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-22</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>6:40 PM</u> End: <u>6:50 PM</u>						
min-1	1	1	1	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	1	0	0	0
min-4	1	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	1	1	0	0	0
min-8	1	0	0	0	0	0
min-9	0	0	0	1	2	0
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	0	0	0	1	0	0
min-2	0	1	2	2	2	2
min-3	0	0	0	0	1	2
min-4	1	0	0	0	1	0
min-5	0	1	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>7:13 PM</u> End: <u>7:23 PM</u>						
min-1	3	3	3	3	2	2
min-2	3	3	2	2	1	1
min-3	0	0	1	1	1	1
min-4	1	1	1	2	2	2
min-5	0	2	2	2	1	1
min-6	1	2	1	1	1	1
min-7	2	2	1	1	1	1
min-8	1	2	1	1	1	1
min-9	2	1	1	2	1	2
min-10	1	1	1	1	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:38 AM</u> End: <u>11:42 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 3/09/12

Assessment Area: Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>SSE < 1 m/s</u>						
Start: <u>5:52 PM</u> End: <u>6:02 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	1	1	1	1	1
min-6	0	0	0	0	1	1
min-7	2	1	1	1	1	1
min-8	1	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>6:19 PM</u> End: <u>6:29 PM</u>						
min-1	4	4	4	3	3	3
min-2	3	4	4	4	3	3
min-3	5	5	4	4	5	5
min-4	4	4	4	4	4	4
min-5	4	4	4	3	3	1
min-6	1	2	2	2	3	3
min-7	3	3	4	4	3	2
min-8	3	3	4	3	3	4
min-9	3	3	4	4	4	4
min-10	2	2	1	2	3	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-22</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>6:40 PM</u> End: <u>6:50 PM</u>						
min-1	2	2	2	2	1	1
min-2	1	1	1	1	1	1
min-3	2	2	1	1	1	1
min-4	0	0	0	0	0	0
min-5	0	0	0	0	1	1
min-6	1	1	1	1	1	1
min-7	1	1	1	1	1	0
min-8	0	3	2	2	2	2
min-9	2	2	2	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	1	1	2	1	1	1
min-2	1	1	2	2	2	2
min-3	2	2	2	1	0	0
min-4	1	1	1	1	1	0
min-5	1	0	0	0	0	0
min-6	0	0	1	1	1	1
min-7	1	1	1	1	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>7:13 PM</u> End: <u>7:23 PM</u>						
min-1	3	3	3	3	3	2
min-2	2	2	3	3	2	2
min-3	3	3	2	2	2	2
min-4	1	1	1	1	1	1
min-5	1	1	0	0	0	0
min-6	2	2	2	2	1	1
min-7	1	1	1	1	2	1
min-8	1	1	1	2	2	2
min-9	2	2	1	1	1	2
min-10	2	2	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:38 AM</u> End: <u>11:42 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 3/09/12

Assessment Area: Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>3-20</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:05 PM</u> End: <u>8:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:25 PM</u> End: <u>8:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-30</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>9:40 PM</u> End: <u>9:50 PM</u>						
min-1	0	0	1	2	2	1
min-2	0	0	0	1	1	0
min-3	2	1	0	0	0	0
min-4	0	0	0	1	1	1
min-5	1	1	1	0	0	0
min-6	1	1	2	3	1	1
min-7	0	1	1	2	2	2
min-8	1	1	1	1	2	1
min-9	2	2	2	1	1	0
min-10	0	0	1	2	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-16</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:02 PM</u> End: <u>10:12 PM</u>						
min-1	0	0	1	1	2	1
min-2	0	0	2	3	3	2
min-3	2	2	1	3	2	1
min-4	3	2	2	1	3	4
min-5	2	2	3	1	1	1
min-6	2	2	2	1	2	1
min-7	2	2	2	3	3	2
min-8	1	1	1	2	0	1
min-9	0	0	2	2	1	0
min-10	0	1	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-15</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:15 PM</u> End: <u>10:25 PM</u>						
min-1	2	2	2	2	1	2
min-2	1	2	3	2	1	3
min-3	1	2	2	2	3	1
min-4	3	3	3	3	2	3
min-5	3	3	3	3	3	3
min-6	3	3	3	2	3	2
min-7	2	2	2	2	2	2
min-8	2	2	2	2	3	2
min-9	1	1	1	1	2	2
min-10	2	1	1	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:51 PM</u> End: <u>11:01 PM</u>						
min-1	2	2	3	3	3	2
min-2	2	2	2	2	2	3
min-3	3	2	2	3	3	2
min-4	3	3	2	2	2	2
min-5	2	2	2	2	2	2
min-6	2	2	2	2	2	2
min-7	3	3	3	3	3	3
min-8	2	2	3	3	3	2
min-9	2	3	3	3	3	2
min-10	2	3	3	3	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 3/09/12

Assessment Area: Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>3-20</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:05 PM</u> End: <u>8:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:25 PM</u> End: <u>8:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-30</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:40 PM</u> End: <u>9:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	1	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	0	0	0	0	0
min-5	1	1	1	1	1	2
min-6	0	1	1	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-16</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:00 PM</u> End: <u>10:10 PM</u>						
min-1	2	2	2	2	0	0
min-2	0	1	0	0	0	0
min-3	0	1	1	1	1	0
min-4	0	0	0	0	1	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-15</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:15 PM</u> End: <u>10:25 PM</u>						
min-1	2	1	1	2	1	1
min-2	2	0	0	0	0	0
min-3	0	0	1	1	1	1
min-4	1	1	1	1	2	2
min-5	2	2	2	1	0	0
min-6	0	2	2	1	1	1
min-7	0	1	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:55 PM</u> End: <u>11:05 PM</u>						
min-1	1	2	1	1	2	2
min-2	2	2	3	1	2	2
min-3	2	4	4	5	5	3
min-4	2	3	4	3	4	3
min-5	1	1	1	1	1	0
min-6	0	0	1	2	0	0
min-7	0	0	0	0	0	0
min-8	1	0	0	0	0	0
min-9	1	1	1	2	4	4
min-10	4	3	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 3/09/12

Assessment Area: _____ Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>3-20</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:05 PM</u> End: <u>8:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:25 PM</u> End: <u>8:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-30</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:40 PM</u> End: <u>9:50 PM</u>						
min-1	2	1	2	1	2	1
min-2	1	1	1	2	1	1
min-3	1	2	2	3	2	1
min-4	2	2	3	3	3	3
min-5	1	1	2	2	1	1
min-6	1	0	0	1	2	2
min-7	1	1	1	1	1	1
min-8	0	0	0	1	0	1
min-9	1	0	0	1	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-16</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:00 PM</u> End: <u>10:10 PM</u>						
min-1	0	0	1	1	1	2
min-2	3	3	3	1	3	1
min-3	1	2	3	1	1	3
min-4	1	2	2	1	1	0
min-5	0	0	0	3	3	2
min-6	1	1	1	1	1	1
min-7	1	1	1	1	1	1
min-8	0	0	1	1	1	1
min-9	1	0	1	0	0	1
min-10	1	1	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-15</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:15 PM</u> End: <u>10:25 PM</u>						
min-1	1	1	2	2	1	1
min-2	1	1	1	2	1	1
min-3	1	1	0	1	1	1
min-4	1	1	1	1	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	1	0	0
min-7	0	0	0	0	0	0
min-8	1	0	1	1	0	1
min-9	0	0	0	0	0	0
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:55 PM</u> End: <u>11:05 PM</u>						
min-1	0	0	0	0	1	1
min-2	3	1	3	3	5	4
min-3	5	4	4	4	3	4
min-4	3	4	3	3	2	1
min-5	1	1	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	1	2
min-9	1	3	4	3	3	3
min-10	2	1	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 3/09/12

Assessment Area: Start Time: 5:00 PM End Time: 12:00 AM

Measurement Point: <u>3-20</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:05 PM</u> End: <u>8:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:25 PM</u> End: <u>8:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-30</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:40 PM</u> End: <u>9:50 PM</u>						
min-1	2	1	1	1	1	1
min-2	1	1	1	0	0	0
min-3	1	1	1	1	1	1
min-4	1	1	2	2	1	1
min-5	1	1	1	0	0	0
min-6	1	1	1	0	0	0
min-7	0	1	1	1	1	1
min-8	2	2	1	1	0	0
min-9	0	0	0	1	1	1
min-10	1	1	2	1	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-16</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:00 PM</u> End: <u>10:10 PM</u>						
min-1	0	1	1	1	2	1
min-2	1	1	1	2	2	2
min-3	1	1	1	1	1	1
min-4	2	2	3	3	3	3
min-5	4	4	4	3	3	3
min-6	2	2	3	3	3	3
min-7	1	1	1	2	2	2
min-8	2	2	1	1	1	1
min-9	1	1	1	1	1	1
min-10	1	1	1	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-15</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:15 PM</u> End: <u>10:25 PM</u>						
min-1	2	2	2	3	3	3
min-2	3	3	3	3	3	3
min-3	2	2	2	2	1	1
min-4	2	2	3	3	2	3
min-5	3	2	2	2	2	2
min-6	1	1	1	1	1	2
min-7	1	1	0	0	1	2
min-8	1	1	0	1	1	1
min-9	1	1	1	0	1	1
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:55 PM</u> End: <u>11:05 PM</u>						
min-1	4	3	4	4	3	3
min-2	3	4	3	3	3	3
min-3	3	3	3	3	3	4
min-4	4	3	3	3	2	2
min-5	2	3	3	3	3	3
min-6	3	3	2	2	2	2
min-7	3	3	3	3	3	3
min-8	4	3	3	3	3	3
min-9	2	2	2	3	3	3
min-10	2	2	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

4 SEPTEMBER 2012
MORNING

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 4/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:00 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>W/NW < 1 m.s</u>						
Start: <u>6:05 AM</u> End: <u>6:15 AM</u>						
min-1	0	0	0	0	0	0
min-2	1	1	1	0	0	0
min-3	0	0	0	0	1	1
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>W < 1 m/s</u>						
Start: <u>6:20 AM</u> End: <u>6:30 AM</u>						
min-1	3	3	3	4	4	4
min-2	2	2	2	2	3	3
min-3	3	3	3	3	2	2
min-4	2	2	2	2	2	2
min-5	3	3	3	3	3	3
min-6	3	3	3	3	3	3
min-7	4	4	4	4	4	3
min-8	2	2	2	2	1	1
min-9	1	1	1	2	2	2
min-10	1	1	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>6:34 AM</u> End: <u>6:44 AM</u>						
min-1	4	4	4	3	3	3
min-2	3	3	3	3	3	2
min-3	2	2	2	2	2	2
min-4	2	2	2	2	2	2
min-5	2	2	2	2	2	2
min-6	3	3	3	3	2	2
min-7	2	2	2	2	2	2
min-8	3	3	3	2	2	2
min-9	1	1	1	1	1	2
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:52 AM</u> End: <u>7:02 AM</u>						
min-1	2	1	1	1	1	1
min-2	1	1	0	0	1	1
min-3	2	2	2	1	1	1
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>7:03 AM</u> End: <u>7:13 AM</u>						
min-1	1	1	1	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	1	1	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>7:20 AM</u> End: <u>7:30 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 4/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:00 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:05 AM</u> End: <u>6:15 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	0	0	0
min-7	0	0	0	1	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>W < 1 m/s</u>						
Start: <u>6:20 AM</u> End: <u>6:30 AM</u>						
min-1	3	3	3	3	2	2
min-2	2	2	2	2	2	1
min-3	1	1	1	1	1	1
min-4	1	0	0	2	2	0
min-5	0	0	0	0	0	0
min-6	0	0	1	1	0	0
min-7	0	0	0	0	0	0
min-8	0	0	1	0	0	0
min-9	0	0	0	0	0	0
min-10	0	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>W/NW < 1m/s</u>						
Start: <u>6:34 AM</u> End: <u>6:44 AM</u>						
min-1	3	2	0	0	0	0
min-2	1	1	1	1	1	1
min-3	2	1	1	1	0	0
min-4	1	1	0	0	1	1
min-5	1	0	0	0	0	0
min-6	1	0	1	0	0	0
min-7	0	0	1	0	0	0
min-8	0	0	0	1	0	0
min-9	0	0	0	0	0	0
min-10	0	0	1	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:52 AM</u> End: <u>7:02 AM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>7:03 AM</u> End: <u>7:20 AM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:20 AM</u> End: <u>7:30 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 4/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:00 PM

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:34 AM</u> End: <u>7:44 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:53 AM</u> End: <u>8:03 AM</u>						
min-1	2	2	2	1	1	1
min-2	1	1	1	2	2	1
min-3	1	1	0	0	0	0
min-4	1	1	1	0	0	1
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	2	2	2	2	2	1
min-8	1	1	1	1	1	1
min-9	3	3	3	3	3	3
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>8:06 AM</u> End: <u>8:16 AM</u>						
min-1	2	2	2	3	3	2
min-2	2	2	2	1	1	1
min-3	1	1	1	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>8:25 AM</u> End: <u>8:35 AM</u>						
min-1	1	2	2	1	1	1
min-2	1	1	1	1	1	1
min-3	2	2	2	2	1	1
min-4	3	3	3	2	1	1
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	1	1	1	1	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>8:38 AM</u> End: <u>8:48 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	1	1	1	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-20</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>9:47 AM</u> End: <u>9:57 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

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D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 4/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:00 PM

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:34 AM</u> End: <u>7:44 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:53 AM</u> End: <u>8:03 AM</u>						
min-1	3	3	2	2	1	1
min-2	1	1	1	1	1	1
min-3	0	0	0	1	1	1
min-4	0	0	0	2	3	3
min-5	2	1	1	1	1	1
min-6	1	1	0	0	0	0
min-7	1	1	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>8:06 AM</u> End: <u>8:16 AM</u>						
min-1	3	2	1	1	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>8:25 AM</u> End: <u>8:35 AM</u>						
min-1	2	1	0	0	0	0
min-2	0	2	0	3	0	0
min-3	0	0	2	1	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>8:38 AM</u> End: <u>8:48 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	1
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-20</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>9:47 AM</u> End: <u>9:57 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 4/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:00 PM

Measurement Point: <u>4-21</u>						
Wind Speed and Direction _____						
Start: <u>10:00 AM</u> End: <u>10:10 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-61</u>						
Wind Speed and Direction <u>N/NE < 1 m/s</u>						
Start: <u>10:30 AM</u> End: <u>10:40 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-26</u>						
Wind Speed and Direction <u>W/NW 1 - 2 m/s</u>						
Start: <u>11:35 AM</u> End: <u>11:45 AM</u>						
min-1	0	0	0	0	1	1
min-2	1	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>S/SW 1 - 2 m/s</u>						
Start: <u>11:55 AM</u> End: <u>12:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>N/NW 1 - 3 m/s</u>						
Start: <u>12:20 PM</u> End: <u>12:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>S 1 - 3 m/s</u>						
Start: <u>12:43 PM</u> End: <u>12:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 4/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:00 PM

Measurement Point: <u>4-21</u>						
Wind Speed and Direction <u>W/NW 1 - 2 m/s</u>						
Start: <u>10:00 AM</u> End: <u>10:10 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-61</u>						
Wind Speed and Direction <u>N/NE < 1 m/s</u>						
Start: <u>10:30 AM</u> End: <u>10:40 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-26</u>						
Wind Speed and Direction <u>W/NW 1 - 2 m/s</u>						
Start: <u>11:35 AM</u> End: <u>11:45 AM</u>						
min-1	1	1	1	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>S/SW 1 - 2 m/s</u>						
Start: <u>11:55 AM</u> End: <u>12:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>N/NW 1 - 3 m/s</u>						
Start: <u>12:20 PM</u> End: <u>12:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>S 1 - 3 m/s</u>						
Start: <u>12:43 PM</u> End: <u>12:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

4 SEPTEMBER 2012
EVENING

FAOA - Session Summary (Odour Intensity)



Date: 4/09/12

Start Time: 4:30 PM

End Time: 11:30 PM

Assessment Area: _____

Intensity \geq 1 Frequency \geq 10%

Location	4-6			4-1			0			0			0			0		
Intensity	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%
0	58	58	97%	13	0	11%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	2	2	3%	6	3	8%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	14	16	25%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	24	38	52%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	3	3	5%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	2	2	3%	47	60	89%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	0	0	0%	41	57	82%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>E 1.5 m/s</u>						
Start: <u>4:34 PM</u> End: <u>4:44 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	1	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-1</u>						
Wind Speed and Direction <u>E 3 m/s</u>						
Start: <u>4:48 PM</u> End: <u>4:58 PM</u>						
min-1	3	3	3	2	2	2
min-2	3	3	3	3	3	3
min-3	2	3	2	3	3	3
min-4	2	2	2	2	3	2
min-5	3	3	4	3	4	1
min-6	0	0	1	0	3	3
min-7	2	0	0	0	3	2
min-8	1	3	4	2	1	3
min-9	2	3	1	3	1	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Steven Munro Member ID: P-4 Date: 4/09/12

Assessment Area: Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>VARIABLE</u>						
Start: <u>4:33 PM</u> End: <u>4:43 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	1	0	0
min-5	0	0	0	0	0	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-1</u>						
Wind Speed and Direction <u>E/SE 2.5 m/s</u>						
Start: <u>4:46 PM</u> End: <u>4:56 PM</u>						
min-1	3	3	3	3	3	3
min-2	3	3	3	3	3	3
min-3	3	2	2	2	3	2
min-4	2	2	2	2	2	2
min-5	3	3	3	3	3	3
min-6	3	3	3	2	3	3
min-7	4	3	3	3	3	2
min-8	3	1	3	3	3	1
min-9	2	3	4	2	3	3
min-10	3	4	2	1	2	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 4/09/12

Start Time: 4:30 PM

End Time: 11:30 PM

Assessment Area: _____

Intensity \geq 1 Frequency \geq 10%

Location	3-7			3-1			3-2			3-3			4-58			4-59		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	30	30	100%	30	30	100%	30	30	100%	30	30	100%	11	8	16%	7	0	6%
1	0	0	0%	0	0	0%	0	0	0%	0	0	0%	24	29	44%	27	1	23%
2	0	0	0%	0	0	0%	0	0	0%	0	0	0%	25	18	36%	23	36	49%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	5	4%	3	17	17%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	6	5%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	49	52	84%	53	60	94%
Freq Exceeded?	NO			NO			NO			NO			YES			YES		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	25	23	40%	26	59	71%
Freq Exceeded?	NO			NO			NO			NO			YES			YES		

Location	4-18			4-17			4-16			4-14			4-11			4-59		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	7	22	24%	0	0	0%	0	15	13%	8	10	15%	28	28	47%	36	34	58%
1	43	30	61%	14	0	12%	19	27	38%	30	34	53%	25	25	42%	17	19	30%
2	9	8	14%	32	6	32%	30	17	39%	17	12	24%	7	7	12%	7	7	12%
3	1	0	1%	14	30	37%	11	1	10%	5	4	8%	0	0	0%	0	0	0%
4	0	0	0%	0	24	20%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	53	38	76%	60	60	100%	60	45	88%	52	50	85%	32	32	53%	24	26	42%
Freq Exceeded?	YES			YES			YES			YES			YES			YES		
≥ 2 's	10	8	15%	46	60	88%	41	18	49%	22	16	32%	7	7	12%	7	7	12%
Freq Exceeded?	YES			YES			YES			YES			YES			YES		

Location	4-29			0			0			0			0			0		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	1	0	1%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	2	0	2%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	24	16	33%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	32	36	57%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	1	8	8%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	59	60	99%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!					
≥ 2 's	57	60	98%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!					

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>3-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>5:45 PM</u> End: <u>5:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-1</u>						
Wind Speed and Direction <u>W 2 m/s</u>						
Start: <u>6:00 PM</u> End: <u>6:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-2</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>6:15 PM</u> End: <u>6:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>6:30 PM</u> End: <u>6:40 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>E/SE < 1 m/s</u>						
Start: <u>6:55 PM</u> End: <u>7:05 PM</u>						
min-1	2	2	2	1	1	2
min-2	2	2	2	2	2	2
min-3	2	2	2	2	1	2
min-4	0	1	2	1	2	2
min-5	1	1	1	0	0	1
min-6	0	0	1	1	1	1
min-7	0	0	1	1	2	2
min-8	1	1	1	0	0	1
min-9	2	2	2	1	0	1
min-10	2	1	2	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-59</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:10 PM</u> End: <u>7:20 PM</u>						
min-1	0	1	1	2	2	1
min-2	1	2	2	0	1	2
min-3	2	2	2	2	2	2
min-4	2	2	2	1	0	0
min-5	1	1	1	2	2	2
min-6	2	2	1	1	1	1
min-7	1	1	1	0	0	0
min-8	1	2	2	3	3	3
min-9	1	2	2	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>3-7</u>						
Wind Speed and Direction <u>W < 1 m/s</u>						
Start: <u>5:45 PM</u> End: <u>5:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-1</u>						
Wind Speed and Direction <u>E 2 m/s</u>						
Start: <u>6:00 PM</u> End: <u>6:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-2</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>6:15 PM</u> End: <u>6:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>6:30 PM</u> End: <u>6:40 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>E/SE < 1 m/s</u>						
Start: <u>6:55 PM</u> End: <u>7:05 PM</u>						
min-1	3	3	2	2	2	2
min-2	2	2	3	2	1	1
min-3	1	2	1	1	1	1
min-4	2	2	1	1	1	2
min-5	2	2	2	1	1	1
min-6	1	2	3	3	2	1
min-7	0	0	1	1	1	0
min-8	0	0	1	1	1	1
min-9	0	0	1	1	2	2
min-10	1	1	1	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-59</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:10 PM</u> End: <u>7:20 PM</u>						
min-1	4	3	3	3	2	2
min-2	2	2	3	2	2	2
min-3	2	2	2	2	2	2
min-4	3	3	3	3	2	2
min-5	2	2	2	2	2	2
min-6	2	2	2	1	2	2
min-7	2	2	2	2	3	2
min-8	4	4	3	3	3	3
min-9	3	3	3	2	2	2
min-10	4	4	4	3	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>4-18</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:25 PM</u> End: <u>7:35 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	1	1	1	1
min-3	1	1	2	1	1	1
min-4	1	1	2	1	2	1
min-5	1	1	2	1	1	1
min-6	1	1	1	2	1	1
min-7	1	1	2	1	1	1
min-8	1	0	0	1	1	2
min-9	2	2	3	1	1	1
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-17</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:53 PM</u> End: <u>9:03 PM</u>						
min-1	2	2	2	2	3	2
min-2	2	2	2	3	2	2
min-3	3	3	2	2	3	2
min-4	3	2	1	2	1	1
min-5	3	2	2	1	1	1
min-6	2	2	3	2	1	1
min-7	2	2	3	3	3	2
min-8	3	2	1	2	3	3
min-9	2	1	1	2	2	2
min-10	2	2	1	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-16</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:12 PM</u> End: <u>9:22 PM</u>						
min-1	2	2	3	3	3	2
min-2	2	2	2	3	2	1
min-3	2	2	2	1	1	2
min-4	2	1	1	2	3	1
min-5	2	1	1	2	3	1
min-6	1	2	2	3	1	1
min-7	1	2	2	3	2	1
min-8	2	1	2	2	2	2
min-9	1	2	3	3	2	1
min-10	3	1	2	2	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction _____						
Start: <u>9:27 PM</u> End: <u>9:37 PM</u>						
min-1	0	0	0	1	1	1
min-2	2	1	1	1	1	1
min-3	1	1	2	1	1	1
min-4	1	1	1	2	2	1
min-5	1	2	1	2	2	1
min-6	3	2	2	2	3	2
min-7	1	1	1	1	2	2
min-8	1	2	2	2	1	1
min-9	2	3	3	3	1	1
min-10	0	0	0	0	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:44 PM</u> End: <u>9:54 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	2	1	0	0
min-3	1	0	0	0	1	1
min-4	1	0	0	0	0	0
min-5	1	0	0	0	1	1
min-6	0	0	0	2	2	1
min-7	0	0	0	1	1	0
min-8	1	2	2	0	0	0
min-9	0	1	0	1	1	0
min-10	0	1	0	2	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-59</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:14 PM</u> End: <u>10:24 PM</u>						
min-1	2	2	1	1	2	1
min-2	1	1	1	2	1	1
min-3	0	0	1	2	1	2
min-4	0	0	1	1	2	1
min-5	0	0	0	0	0	0
min-6	0	0	0	1	0	0
min-7	0	0	0	1	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>4-18</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:25 PM</u> End: <u>7:35 PM</u>						
min-1	1	1	0	1	0	0
min-2	0	0	0	0	1	1
min-3	1	1	0	0	0	1
min-4	2	2	2	2	1	1
min-5	1	1	1	0	0	0
min-6	2	2	1	1	1	1
min-7	1	2	2	1	1	0
min-8	1	0	0	1	1	1
min-9	0	0	0	0	1	1
min-10	1	1	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-17</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:53 PM</u> End: <u>9:03 PM</u>						
min-1	4	4	4	4	4	4
min-2	4	4	4	4	4	3
min-3	3	3	3	4	4	4
min-4	3	3	3	4	4	4
min-5	4	3	3	3	3	3
min-6	2	2	2	3	3	2
min-7	2	3	3	3	4	4
min-8	3	3	3	3	4	4
min-9	4	4	3	3	3	3
min-10	2	3	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-16</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:12 PM</u> End: <u>9:22 PM</u>						
min-1	1	1	1	2	2	1
min-2	1	1	0	0	0	0
min-3	0	1	1	2	2	2
min-4	2	2	3	2	2	2
min-5	1	0	1	1	1	1
min-6	1	1	1	1	1	1
min-7	2	2	2	1	1	0
min-8	0	0	0	0	1	1
min-9	2	2	2	2	1	1
min-10	1	1	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction _____						
Start: <u>9:27 PM</u> End: <u>9:37 PM</u>						
min-1	2	2	2	1	1	1
min-2	0	1	1	1	0	0
min-3	0	0	1	1	1	1
min-4	1	1	1	1	1	1
min-5	2	2	1	1	1	1
min-6	1	1	1	2	2	2
min-7	2	2	1	1	1	1
min-8	3	3	3	3	2	2
min-9	1	1	1	0	0	0
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:44 PM</u> End: <u>9:54 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	2	1	0	0
min-3	1	0	0	0	1	1
min-4	1	0	0	0	0	0
min-5	1	0	0	0	1	1
min-6	0	0	0	2	2	1
min-7	0	0	0	1	1	0
min-8	1	2	2	0	0	0
min-9	0	1	0	1	1	0
min-10	0	1	0	2	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-59</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:14 PM</u> End: <u>10:24 PM</u>						
min-1	2	2	2	1	1	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	1	1
min-4	1	1	1	1	1	1
min-5	0	0	0	0	0	0
min-6	1	1	1	1	2	2
min-7	2	2	1	1	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	1	1
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: 4-29
 Wind Speed and Direction CALM
 Start: 10:31 AM End: 10:41 AM

min-1	1	2	2	2	2	2
min-2	1	0	2	2	2	2
min-3	2	2	2	2	2	2
min-4	2	3	2	2	3	3
min-5	3	3	3	3	3	3
min-6	3	3	3	3	3	3
min-7	3	3	3	3	3	3
min-8	4	2	2	2	2	3
min-9	3	3	3	3	3	3
min-10	2	3	3	2	3	3

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 4/09/12

Assessment Area: Northern Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: 4-29
 Wind Speed and Direction CALM
 Start: 10:31 AM End: 10:41 AM

min-1	2	2	2	2	2	2
min-2	2	2	3	3	3	3
min-3	3	3	4	4	4	4
min-4	3	3	3	3	3	3
min-5	3	3	3	4	4	4
min-6	4	3	3	3	3	3
min-7	3	2	2	3	3	3
min-8	3	3	3	2	3	3
min-9	3	3	2	3	3	2
min-10	3	2	2	2	3	3

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: 6-23
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: 6-1
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 4/09/12 Start Time: 4:30 PM End Time: 11:30 PM

Assessment Area: _____ Intensity \geq _____ Frequency \geq 10%

Location	8-2			8-3			5-10			7-17			7-1			6-25		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	30	30	100%	49	45	78%	34	35	96%	30	28	88%	0	0	0%	28	24	96%
1	0	0	0%	11	11	18%	2	1	4%	6	2	12%	0	0	0%	2	0	4%
2	0	0	0%	0	4	3%	0	0	0%	0	0	0%	6	2	7%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	50	58	90%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	4	0	3%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	11	15	22%	2	1	4%	6	2	12%	60	60	100%	2	0	4%
Freq Exceeded?	NO			YES			NO			YES			YES			NO		
≥ 2 's	0	0	0%	0	4	3%	0	0	0%	0	0	0%	60	60	100%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			YES			NO		

Location	6-23			6-1			8-2			8-3			7-26			7-17		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	0	0	0%	32	40	60%	30	30	100%	30	30	100%	30	30	100%	39	15	45%
1	23	23	38%	20	17	31%	0	0	0%	0	0	0%	0	0	0%	21	36	48%
2	32	34	55%	7	3	8%	0	0	0%	0	0	0%	0	0	0%	0	9	8%
3	5	3	7%	1	0	1%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	60	60	100%	28	20	40%	0	0	0%	0	0	0%	0	0	0%	21	45	55%
Freq Exceeded?	YES			YES			NO			NO			NO			YES		
≥ 2 's	37	37	62%	8	3	9%	0	0	0%	0	0	0%	0	0	0%	0	9	8%
Freq Exceeded?	YES			NO			NO			NO			NO			NO		

Location	7-1			6-24			6-1			0			0			0		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	13	6	16%	30	30	100%	2	15	14%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	13	23	30%	0	0	0%	33	36	58%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	33	12	38%	0	0	0%	25	9	28%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	1	19	17%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	47	54	84%	0	0	0%	58	45	86%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	34	31	54%	0	0	0%	25	9	28%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 4/09/12

Assessment Area: Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>8-2</u>						
Wind Speed and Direction <u>SE 0.6 m/s</u>						
Start: <u>5:32 PM</u> End: <u>5:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>8-3</u>						
Wind Speed and Direction <u>SE/NE 1.2 m/s</u>						
Start: <u>5:43 PM</u> End: <u>5:53 PM</u>						
min-1	1	1	0	0	0	1
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	0	0	0	0
min-6	1	1	1	1	1	1
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>5-10</u>						
Wind Speed and Direction <u>E/NE 1.8 m/s</u>						
Start: <u>6:03 PM</u> End: <u>6:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	0	1	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>6:23 PM</u> End: <u>6:29 PM</u>						
min-1	1	1	1	1	1	1
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>6:37 PM</u> End: <u>6:47 PM</u>						
min-1	3	3	3	3	3	3
min-2	3	3	3	3	3	3
min-3	3	3	2	3	3	3
min-4	2	3	3	2	3	3
min-5	3	3	3	4	3	4
min-6	3	3	2	3	3	3
min-7	3	3	3	3	3	3
min-8	3	3	3	3	3	3
min-9	3	3	4	3	3	4
min-10	3	2	2	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>6:54 PM</u> End: <u>6:59 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	0	1	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 4/09/12

Assessment Area: _____ Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>8-2</u>						
Wind Speed and Direction <u>SE < 1.0</u>						
Start: <u>5:32 PM</u> End: <u>5:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>8-3</u>						
Wind Speed and Direction <u>E/NE 2.0 m/s</u>						
Start: <u>5:43 PM</u> End: <u>5:53 PM</u>						
min-1	1	2	2	1	1	0
min-2	0	1	0	0	1	1
min-3	1	2	1	0	0	0
min-4	1	2	1	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>5-10</u>						
Wind Speed and Direction <u>E/NE 2 m/s</u>						
Start: <u>6:03 PM</u> End: <u>6:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	1	0	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>6:24 PM</u> End: <u>6:29 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	0	1	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>6:37 PM</u> End: <u>6:47 PM</u>						
min-1	3	3	3	3	3	3
min-2	3	3	3	3	3	3
min-3	3	3	3	3	3	3
min-4	3	3	3	3	3	3
min-5	3	3	3	3	3	3
min-6	3	3	3	3	3	3
min-7	3	3	3	3	2	2
min-8	3	3	3	3	3	3
min-9	3	3	3	3	3	3
min-10	3	3	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>6:55 PM</u> End: <u>6:59 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 4/09/12

Assessment Area: Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>6-23</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:06 PM</u> End: <u>7:16 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	2	2	2	3	3
min-3	3	2	2	2	2	2
min-4	1	1	1	1	1	1
min-5	1	1	1	1	2	3
min-6	3	2	2	1	1	1
min-7	1	1	1	1	2	2
min-8	2	2	2	2	1	1
min-9	2	2	2	2	2	2
min-10	2	2	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:05 PM</u> End: <u>9:10 PM</u>						
min-1	1	1	2	1	1	1
min-2	1	1	1	1	2	0
min-3	1	1	0	2	2	1
min-4	0	1	2	1	0	0
min-5	2	2	3	1	0	0
min-6	0	0	0	0	0	0
min-7	0	1	0	0	0	0
min-8	0	0	1	0	0	0
min-9	1	1	0	0	0	0
min-10	0	1	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>8-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:05 PM</u> End: <u>9:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>8-3</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:15 PM</u> End: <u>9:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-26</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:30 PM</u> End: <u>9:35 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:42 PM</u> End: <u>9:52 PM</u>						
min-1	1	1	1	1	1	1
min-2	0	0	0	0	0	0
min-3	0	1	1	1	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	1	1	1
min-7	0	0	1	1	1	1
min-8	1	0	1	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 4/09/12

Assessment Area: _____ Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>6-23</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:06 PM</u> End: <u>7:16 PM</u>						
min-1	2	2	1	1	1	2
min-2	1	2	2	1	1	2
min-3	2	2	2	2	3	2
min-4	2	2	2	2	2	2
min-5	2	2	2	2	3	2
min-6	2	2	2	2	1	2
min-7	3	1	2	2	1	1
min-8	2	2	2	2	2	1
min-9	1	1	1	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:05 PM</u> End: <u>9:10 PM</u>						
min-1	0	0	0	0	0	2
min-2	0	1	2	1	1	1
min-3	1	1	1	1	1	2
min-4	0	1	1	1	1	1
min-5	1	0	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>8-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:05 PM</u> End: <u>9:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>8-3</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:15 PM</u> End: <u>9:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-26</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:30 PM</u> End: <u>9:35 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:42 PM</u> End: <u>9:52 PM</u>						
min-1	2	1	1	1	1	1
min-2	2	2	2	2	1	1
min-3	1	2	2	2	1	1
min-4	1	1	1	1	1	2
min-5	1	1	1	1	1	1
min-6	1	1	1	1	1	1
min-7	1	1	1	1	1	1
min-8	1	1	1	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 4/09/12

Assessment Area: Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:03 PM</u> End: <u>10:13 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	3	2	2	2	2
min-3	2	2	2	2	2	1
min-4	2	2	2	2	2	2
min-5	2	2	1	1	1	1
min-6	1	1	2	2	2	2
min-7	2	2	1	0	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	1	1	1	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:19 PM</u> End: <u>10:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:42 PM</u> End: <u>10:52 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	1	1	1	1	2
min-3	2	2	0	1	1	1
min-4	1	1	1	1	1	1
min-5	1	1	1	2	2	2
min-6	1	1	1	1	2	2
min-7	2	1	1	1	1	2
min-8	1	1	1	2	2	2
min-9	2	1	1	1	2	2
min-10	2	2	1	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 4/09/12

Assessment Area: _____ Start Time: 4:30 PM End Time: 11:30 PM

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:03 PM</u> End: <u>10:13 PM</u>						
min-1	1	2	3	3	2	3
min-2	2	3	3	3	3	3
min-3	3	2	2	3	3	3
min-4	3	3	3	2	2	1
min-5	1	1	1	1	2	3
min-6	2	2	2	1	1	3
min-7	1	1	0	1	0	0
min-8	0	0	0	1	1	1
min-9	1	1	1	1	1	1
min-10	1	1	1	2	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:19 PM</u> End: <u>10:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:42 PM</u> End: <u>10:52 PM</u>						
min-1	0	1	1	1	1	1
min-2	2	2	2	2	1	1
min-3	1	0	0	1	1	2
min-4	0	0	0	1	1	2
min-5	1	1	1	0	0	0
min-6	1	1	2	1	0	0
min-7	1	1	1	1	1	2
min-8	1	0	1	1	1	1
min-9	2	1	1	1	1	0
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

5 SEPTEMBER 2012
MORNING

FAOA - Session Summary (Odour Intensity)



Date: 5/09/12 Start Time: 6:00 AM End Time: 1:10 PM

Assessment Area: Eastern Creek & Kemps Creek Intensity \geq 1 Frequency \geq 10%

Location	7-35			7-22			7-27			7-26			7-24			7-3		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	60	60	100%	58	56	95%	16	49	54%	60	60	100%
1	0	0	0%	0	0	0%	0	0	0%	2	4	5%	34	11	38%	0	0	0%
2	0	0	0%	0	0	0%	0	0	0%	0	0	0%	10	0	8%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	0	0	0%	0	0	0%	2	4	5%	44	11	46%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			YES			NO		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	10	0	8%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO			NO		

Location	7-21			7-17			7-16			7-14			7-15			7-18		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	43	49	77%	60	60	100%	60	60	100%	38	57	79%	60	59	99%	57	57	95%
1	15	9	20%	0	0	0%	0	0	0%	22	3	21%	0	1	1%	3	3	5%
2	2	2	3%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	17	11	23%	0	0	0%	0	0	0%	22	3	21%	0	1	1%	3	3	5%
Freq Exceeded?	YES			NO			NO			YES			NO			NO		
≥ 2 's	2	2	3%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO			NO		

Location	7-19			7-23			4-40			4-9			4-8			4-7		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	52	54	88%	60	60	100%	23	48	59%	26	48	62%	2	29	26%
1	0	0	0%	8	6	12%	0	0	0%	29	7	30%	21	8	24%	25	25	42%
2	0	0	0%	0	0	0%	0	0	0%	4	3	6%	11	3	12%	20	5	21%
3	0	0	0%	0	0	0%	0	0	0%	4	2	5%	2	1	3%	13	1	12%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	8	6	12%	0	0	0%	37	12	41%	34	12	38%	58	31	74%
Freq Exceeded?	NO			YES			NO			YES			YES			YES		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	8	5	11%	13	4	14%	33	6	33%
Freq Exceeded?	NO			NO			NO			YES			YES			YES		

FAOA - Session Summary (Odour Intensity)



Date: 5/09/12 Start Time: 6:00 AM End Time: 1:10 PM

Assessment Area: Eastern Creek & Kemps Creek Intensity \geq 1 Frequency \geq 10%

Location	4-6			4-62			4-36			4-10			4-13			0		
Intensity	0	0	%	0	0	%	0	0	%	0	0	%	0	0	%	0	0	%
0	28	42	58%	51	55	88%	60	60	100%	28	43	59%	2	29	26%	0	0	#DIV/0!
1	21	16	31%	9	5	12%	0	0	0%	19	12	26%	38	29	56%	0	0	#DIV/0!
2	8	2	8%	0	0	0%	0	0	0%	7	3	8%	16	2	15%	0	0	#DIV/0!
3	3	0	3%	0	0	0%	0	0	0%	6	2	7%	4	0	3%	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!
≥ 1 's	32	18	42%	9	5	12%	0	0	0%	32	17	41%	58	31	74%	0	0	0%
Freq Exceeded?	YES			YES			NO			YES			YES			NO		
≥ 2 's	11	2	11%	0	0	0%	0	0	0%	13	5	15%	20	2	18%	0	0	0%
Freq Exceeded?	YES			NO			NO			YES			YES			NO		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>7-35</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:36 AM</u> End: <u>6:46 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-22</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:50 AM</u> End: <u>7:00 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-27</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:03 AM</u> End: <u>7:13 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-26</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:15 AM</u> End: <u>7:25 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	1	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>7:30 AM</u> End: <u>7:40 AM</u>						
min-1	2	2	1	1	2	2
min-2	1	1	1	0	0	0
min-3	1	1	1	2	2	2
min-4	0	0	0	1	1	1
min-5	1	1	0	0	0	1
min-6	1	1	1	2	2	2
min-7	0	0	1	1	1	1
min-8	1	1	1	0	0	0
min-9	1	1	1	1	1	1
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>N/NW</u>						
Start: <u>7:42 AM</u> End: <u>7:52 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>7-35</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:36 AM</u> End: <u>6:46 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-22</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:50 AM</u> End: <u>7:00 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-27</u>						
Wind Speed and Direction <u>W/NW < 1m/s</u>						
Start: <u>7:03 AM</u> End: <u>7:13 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-26</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:15 AM</u> End: <u>7:25 AM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	1	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>7:30 AM</u> End: <u>7:40 AM</u>						
min-1	0	0	1	0	1	0
min-2	0	0	0	0	0	0
min-3	0	0	0	1	1	1
min-4	0	0	0	0	0	0
min-5	0	1	0	0	0	0
min-6	0	0	0	1	0	0
min-7	0	0	1	1	1	0
min-8	0	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:42 AM</u> End: <u>7:52 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>7-21</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:58 AM</u> End: <u>8:08 AM</u>						
min-1	1	1	2	2	1	1
min-2	1	1	0	0	1	1
min-3	0	1	1	0	0	0
min-4	1	1	1	0	0	0
min-5	0	0	0	1	1	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>8:12 AM</u> End: <u>8:22 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-16</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>8:27 AM</u> End: <u>8:37 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-14</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>8:40 AM</u> End: <u>8:50 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	1	1	1	1	0	0
min-4	0	0	1	1	1	1
min-5	0	0	1	1	0	0
min-6	1	1	1	1	0	0
min-7	1	1	0	0	0	0
min-8	0	0	1	1	0	0
min-9	0	1	1	0	0	0
min-10	0	0	1	0	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-15</u>						
Wind Speed and Direction <u>W/NW 1 - 2 m/s</u>						
Start: <u>8:55 AM</u> End: <u>9:05 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-18</u>						
Wind Speed and Direction <u>N/NE 1 - 2 m/s</u>						
Start: <u>9:08 AM</u> End: <u>9:18 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	1	1	0	0	1	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>7-21</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:58 AM</u> End: <u>8:08 AM</u>						
min-1	2	2	1	0	0	0
min-2	0	0	1	1	0	0
min-3	0	0	1	1	0	0
min-4	0	0	0	1	1	0
min-5	0	0	1	0	0	0
min-6	0	0	0	1	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>8:12 AM</u> End: <u>8:22 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-16</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>8:27 AM</u> End: <u>8:37 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-14</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>8:40 AM</u> End: <u>8:50 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	1	0	1
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-15</u>						
Wind Speed and Direction <u>W/NW 1 - 2 m/s</u>						
Start: <u>8:55 AM</u> End: <u>9:05 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	1
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-18</u>						
Wind Speed and Direction <u>N/NE 1 - 2 m/s</u>						
Start: <u>9:08 AM</u> End: <u>9:18 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	1	1	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>7-19</u>						
Wind Speed and Direction <u>N/NE 1 - 2 m/s</u>						
Start: <u>9:22 AM</u> End: <u>9:32 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-23</u>						
Wind Speed and Direction <u>N/NE 1 - 2 m/s</u>						
Start: <u>9:35 AM</u> End: <u>9:45 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	1	1	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	1	1	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	1	1
min-9	0	0	0	0	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N 2 - 4 m/s</u>						
Start: <u>10:58 AM</u> End: <u>11:08 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>N/NE 2 - 3 m/s</u>						
Start: <u>11:20 AM</u> End: <u>11:30 AM</u>						
min-1	1	1	1	1	1	1
min-2	2	2	1	1	1	1
min-3	1	1	0	0	1	1
min-4	3	3	1	1	3	3
min-5	1	1	2	2	1	1
min-6	0	0	0	0	1	1
min-7	1	1	0	0	0	1
min-8	0	0	0	0	0	0
min-9	0	0	1	1	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>N/NW 2 - 3 m/s</u>						
Start: <u>11:32 AM</u> End: <u>11:42 AM</u>						
min-1	0	0	2	1	0	0
min-2	0	0	0	0	0	0
min-3	1	1	2	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	1	1	0	0
min-6	2	2	3	3	1	1
min-7	1	1	2	2	1	1
min-8	0	0	0	1	1	2
min-9	0	0	1	1	2	2
min-10	1	1	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N 2 - 3 m/s</u>						
Start: <u>11:46 AM</u> End: <u>11:56 AM</u>						
min-1	3	3	3	2	1	1
min-2	1	1	1	1	0	0
min-3	1	1	2	2	2	3
min-4	2	2	1	1	2	2
min-5	2	2	1	1	3	3
min-6	2	2	2	3	3	3
min-7	3	3	1	1	2	2
min-8	1	1	3	3	2	2
min-9	1	1	2	2	1	1
min-10	1	2	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

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F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>7-19</u>						
Wind Speed and Direction <u>N/NE 1 - 2 m/s</u>						
Start: <u>9:22 AM</u> End: <u>9:32 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-23</u>						
Wind Speed and Direction <u>N/NE 1 - 2 m/s</u>						
Start: <u>9:35 AM</u> End: <u>9:45 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	1	1	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	1	0	0	0
min-8	0	0	0	1	0	0
min-9	0	0	0	1	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N 2 - 4 m/s</u>						
Start: <u>10:58 AM</u> End: <u>11:08 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>N/NE 2 - 3 m/s</u>						
Start: <u>11:20 AM</u> End: <u>11:30 AM</u>						
min-1	3	3	2	2	1	1
min-2	1	1	2	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	0	0	0
min-7	0	0	0	1	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>N/NW 2 - 3 m/s</u>						
Start: <u>11:32 AM</u> End: <u>11:42 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	1	1	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	3	2	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	1	0	0
min-9	0	0	0	2	2	1
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N 2 - 3 m/s</u>						
Start: <u>11:46 AM</u> End: <u>11:56 AM</u>						
min-1	3	2	2	1	1	1
min-2	1	1	2	0	1	0
min-3	1	1	1	1	1	1
min-4	0	1	1	0	0	0
min-5	0	0	0	1	1	1
min-6	0	0	0	2	0	1
min-7	0	1	1	1	0	0
min-8	0	1	1	0	2	0
min-9	0	1	0	0	0	0
min-10	0	0	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 5 - 7 m/s</u>						
Start: <u>12:00 PM</u> End: <u>12:10 PM</u>						
min-1	2	2	1	1	0	0
min-2	0	0	1	1	1	1
min-3	0	0	1	1	1	1
min-4	0	0	0	0	0	1
min-5	1	2	2	3	1	1
min-6	0	0	2	2	3	3
min-7	1	1	2	2	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	1	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-62</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>12:16 PM</u> End: <u>12:26 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	1	1
min-3	0	0	0	0	0	0
min-4	0	0	1	1	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	1	1	0	0
min-8	0	0	0	0	0	0
min-9	0	1	1	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N/NW 3 - 7 m/s</u>						
Start: <u>12:29 PM</u> End: <u>12:39 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>N/NW 4 - 7 m/s</u>						
Start: <u>12:43 PM</u> End: <u>12:53 PM</u>						
min-1	2	2	1	0	0	0
min-2	1	1	0	0	0	0
min-3	2	2	1	1	0	1
min-4	1	1	2	3	3	1
min-5	1	1	1	3	3	3
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	1	2	3	2	1	0
min-9	1	1	0	0	0	1
min-10	1	1	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>N/NW 3 - 5 m/s</u>						
Start: <u>12:56 PM</u> End: <u>1:06 PM</u>						
min-1	1	1	1	2	2	1
min-2	1	1	2	2	1	1
min-3	1	1	1	1	1	1
min-4	1	1	1	1	1	1
min-5	1	1	2	2	1	1
min-6	0	0	1	1	2	2
min-7	3	3	1	1	2	2
min-8	2	3	3	2	1	1
min-9	1	1	1	2	2	1
min-10	1	2	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 5/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: 4-6
 Wind Speed and Direction N/NW 5 - 7 m/s
 Start: 12:00 PM End: 12:10 PM

min-1	1	0	0	0	0	0
min-2	0	0	0	1	0	0
min-3	0	0	1	0	0	0
min-4	0	0	1	1	0	0
min-5	0	0	1	2	2	1
min-6	1	1	1	1	1	0
min-7	0	1	0	0	0	0
min-8	0	1	0	0	0	0
min-9	0	0	1	0	0	0
min-10	0	1	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-62
 Wind Speed and Direction N/NW
 Start: 12:16 PM End: 12:25 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	1	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	1	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	1	1	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-36
 Wind Speed and Direction N/NW 3 - 7 m/s
 Start: 12:29 PM End: 12:39 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-10
 Wind Speed and Direction N/NW 4 - 7 m/s
 Start: 12:43 PM End: 12:53 PM

min-1	2	2	1	1	0	0
min-2	0	0	1	0	0	0
min-3	0	1	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	3	0	0	0	3
min-6	0	0	0	1	1	0
min-7	0	0	1	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	2	1	1	0
min-10	0	1	0	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-13
 Wind Speed and Direction W/NW
 Start: 12:57 PM End: 1:07 PM

min-1	0	1	0	0	0	0
min-2	2	1	1	0	0	0
min-3	1	1	1	1	0	0
min-4	1	1	2	1	1	1
min-5	1	0	0	1	1	1
min-6	1	0	1	0	1	0
min-7	0	1	1	0	0	0
min-8	1	0	1	1	0	0
min-9	1	0	0	0	0	0
min-10	1	1	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

5 SEPTEMBER 2012

EVENING

FAOA - Session Summary (Odour Intensity)



Date: 5/09/12

Start Time: 5:00 PM

End Time: 10:00 PM

Assessment Area: Northern

Intensity \geq 1

Frequency \geq 10%

Location	3-31			4-60			4-41			4-62			4-63			5-21		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	29	30	98%	26	19	75%	28	12	33%	39	17	47%	42	22	53%	7	0	6%
1	1	0	2%	4	11	25%	17	26	36%	9	10	16%	18	24	35%	20	1	18%
2	0	0	0%	0	0	0%	8	10	15%	10	19	24%	0	12	10%	20	27	39%
3	0	0	0%	0	0	0%	7	10	14%	2	10	10%	0	2	2%	13	30	36%
4	0	0	0%	0	0	0%	0	2	2%	0	4	3%	0	0	0%	0	2	2%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
$\geq 1's$	1	0	2%	4	11	25%	32	48	67%	21	43	53%	18	38	47%	53	60	94%
Freq Exceeded?	NO			YES			YES			YES			YES					
$\geq 2's$	0	0	0%	0	0	0%	15	22	31%	12	33	38%	0	14	12%	33	59	77%
Freq Exceeded?	NO			NO			YES			YES			YES					

Location	4-35			4-6			0			0			0			0		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	20	14	28%	4	1	4%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	20	17	31%	10	5	13%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	15	7	18%	16	11	23%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	5	21	22%	21	30	43%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	1	1%	9	13	18%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
$\geq 1's$	40	46	72%	56	59	96%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			YES			#DIV/0!			#DIV/0!			#DIV/0!					
$\geq 2's$	20	29	41%	46	54	83%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			YES			#DIV/0!			#DIV/0!			#DIV/0!					

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 5/09/12

Assessment Area: Northern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>5:55 PM</u> End: <u>6:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	1	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-60</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>6:30 PM</u> End: <u>6:40 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	1	0
min-3	0	0	0	0	0	0
min-4	0	1	1	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-41</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>6:40 PM</u> End: <u>6:50 PM</u>						
min-1	1	1	2	2	1	1
min-2	0	0	1	1	2	0
min-3	0	0	1	2	2	1
min-4	0	0	0	0	1	0
min-5	1	0	0	1	0	0
min-6	0	0	0	0	0	0
min-7	0	1	1	0	0	0
min-8	1	0	1	0	0	0
min-9	3	3	3	3	3	3
min-10	2	1	3	2	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-62</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	0	0	1	2	2	2
min-2	2	1	0	2	3	1
min-3	0	0	0	2	2	0
min-4	0	2	2	3	2	1
min-5	1	1	0	0	0	0
min-6	1	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	1	1	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-63</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>7:18 PM</u> End: <u>7:28 PM</u>						
min-1	1	0	1	1	1	0
min-2	1	1	1	1	1	0
min-3	0	1	0	0	0	0
min-4	1	1	1	1	1	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	1	0	0	0	0	0
min-8	0	0	0	0	1	1
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>5-21</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>8:41 PM</u> End: <u>8:51 PM</u>						
min-1	2	3	3	3	3	3
min-2	3	3	3	3	3	2
min-3	2	3	3	2	2	2
min-4	2	2	3	2	1	1
min-5	2	0	1	2	2	2
min-6	2	1	1	1	0	1
min-7	1	2	1	0	0	0
min-8	1	1	1	1	1	2
min-9	0	1	1	1	2	2
min-10	0	1	2	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 5/09/12

Assessment Area: Northern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>5:55 PM</u> End: <u>6:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-60</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>6:30 PM</u> End: <u>6:40 PM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	1	1	1	1	0	0
min-4	0	0	0	0	1	1
min-5	1	0	0	0	1	1
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-41</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>6:40 PM</u> End: <u>6:50 PM</u>						
min-1	1	1	2	2	1	1
min-2	0	0	0	0	1	1
min-3	2	2	1	1	1	1
min-4	1	1	0	1	2	2
min-5	2	1	0	0	0	0
min-6	0	1	1	1	1	1
min-7	1	2	2	2	1	1
min-8	1	1	1	1	0	0
min-9	3	3	3	3	3	3
min-10	3	3	3	3	4	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-62</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	3	2	2	2	2	2
min-2	2	1	1	3	3	3
min-3	3	3	4	4	2	2
min-4	4	4	3	3	3	3
min-5	2	2	2	2	2	2
min-6	1	1	0	0	0	0
min-7	0	0	0	1	1	0
min-8	0	0	0	1	1	2
min-9	2	2	2	2	1	1
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-63</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>7:18 PM</u> End: <u>7:28 PM</u>						
min-1	2	2	1	1	1	1
min-2	1	0	0	1	1	1
min-3	2	2	3	3	2	2
min-4	1	0	0	1	1	2
min-5	2	2	2	1	1	1
min-6	1	0	0	1	0	0
min-7	0	0	0	0	0	0
min-8	1	1	2	2	1	1
min-9	0	0	0	1	0	0
min-10	1	1	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>5-21</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>8:41 PM</u> End: <u>8:51 PM</u>						
min-1	2	1	3	2	2	2
min-2	3	3	3	3	3	3
min-3	2	2	3	3	3	2
min-4	3	3	3	3	2	3
min-5	3	2	2	3	3	3
min-6	4	4	3	3	3	3
min-7	3	2	2	2	2	2
min-8	3	2	2	2	2	3
min-9	2	2	3	3	2	2
min-10	3	3	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 5/09/12

Assessment Area: Northern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>4-35</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>9:00 PM</u> End: <u>9:10 PM</u>						
min-1	2	2	2	2	2	2
min-2	3	2	3	2	1	1
min-3	2	2	3	3	1	1
min-4	1	1	2	3	2	2
min-5	1	1	1	1	0	0
min-6	1	1	1	1	0	1
min-7	0	0	0	0	1	1
min-8	0	1	2	2	1	1
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 4 m/s</u>						
Start: <u>9:40 PM</u> End: <u>9:50 PM</u>						
min-1	2	3	3	3	2	3
min-2	1	0	0	1	2	3
min-3	1	1	0	0	1	1
min-4	2	2	3	3	4	4
min-5	2	2	2	2	1	1
min-6	3	4	4	3	3	3
min-7	1	1	2	3	4	4
min-8	3	3	2	2	3	3
min-9	4	4	3	2	2	3
min-10	2	2	3	3	4	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 5/09/12

Assessment Area: Northern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>4-35</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>9:00 PM</u> End: <u>9:10 PM</u>						
min-1	3	3	3	3	3	4
min-2	3	3	3	3	3	3
min-3	2	2	2	3	3	3
min-4	3	2	3	3	3	3
min-5	2	2	3	3	2	1
min-6	1	1	1	0	1	1
min-7	1	0	1	1	0	0
min-8	0	0	1	1	0	0
min-9	1	1	0	0	1	1
min-10	1	0	0	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 4 m/s</u>						
Start: <u>9:40 PM</u> End: <u>9:50 PM</u>						
min-1	3	4	4	4	3	3
min-2	3	3	3	3	3	3
min-3	3	3	4	3	3	3
min-4	2	3	2	2	2	2
min-5	3	3	2	3	2	2
min-6	1	1	0	2	2	1
min-7	1	1	2	3	3	3
min-8	3	4	4	3	4	4
min-9	3	3	4	3	3	4
min-10	4	4	4	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Session Summary (Odour Intensity)



Date: 5/09/12 Start Time: 5:00 PM End Time: 10:00 PM

Assessment Area: Southern Intensity \geq 1 Frequency \geq 10%

Location	6-24			7-24			7-2			7-3			7-17			7-23		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	0	0	0%	3	12	13%	30	30	100%	3	3	5%	30	30	100%	25	28	88%
1	0	0	0%	13	5	15%	0	0	0%	23	11	28%	0	0	0%	5	2	12%
2	9	13	18%	17	17	28%	0	0	0%	8	5	11%	0	0	0%	0	0	0%
3	48	47	79%	25	26	43%	0	0	0%	23	30	44%	0	0	0%	0	0	0%
4	3	0	3%	2	0	2%	0	0	0%	3	11	12%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	60	60	100%	57	48	88%	0	0	0%	57	57	95%	0	0	0%	5	2	12%
Freq Exceeded?	YES			YES			NO			YES			NO			YES		
≥ 2 's	60	60	100%	44	43	73%	0	0	0%	34	46	67%	0	0	0%	0	0	0%
Freq Exceeded?	YES			YES			NO			YES			NO			NO		

Location	7-27			7-7			7-6			0			0			0		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	0	9	8%	45	52	81%	27	30	48%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	14	29	36%	14	8	18%	5	11	13%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	41	20	51%	1	0	1%	28	10	32%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	5	2	6%	0	0	0%	0	9	8%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	60	51	93%	15	8	19%	33	30	53%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			YES			YES			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	46	22	57%	1	0	1%	28	19	39%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 5/09/12

Assessment Area: Southern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>N/NW 2.3 m/s</u>						
Start: <u>5:55 PM</u> End: <u>6:05 PM</u>						
min-1	3	3	3	4	3	3
min-2	3	3	3	3	3	3
min-3	3	3	3	3	3	3
min-4	3	3	3	3	3	3
min-5	3	3	2	3	3	3
min-6	3	3	3	3	3	3
min-7	3	3	3	2	2	2
min-8	2	3	3	3	3	3
min-9	2	2	2	3	3	3
min-10	4	4	3	3	3	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N/NW 2.3 m/s</u>						
Start: <u>6:08 PM</u> End: <u>6:18 PM</u>						
min-1	1	1	3	3	2	2
min-2	2	3	3	3	3	2
min-3	2	2	2	2	1	1
min-4	1	1	1	1	1	0
min-5	0	0	1	1	3	3
min-6	3	3	2	2	2	2
min-7	2	3	2	2	3	3
min-8	4	3	3	3	3	3
min-9	4	3	3	3	2	3
min-10	3	3	3	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-2</u>						
Wind Speed and Direction <u>N/NW 2.5 m/s</u>						
Start: <u>6:25 PM</u> End: <u>6:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>N/NW 2.3 m/s</u>						
Start: <u>6:33 PM</u> End: <u>6:43 PM</u>						
min-1	1	0	1	1	1	1
min-2	1	1	1	0	0	1
min-3	1	1	1	1	1	1
min-4	1	1	1	2	1	1
min-5	2	1	2	3	2	1
min-6	1	3	3	3	3	3
min-7	3	3	2	2	2	3
min-8	3	4	3	3	3	3
min-9	2	3	3	3	3	3
min-10	3	3	3	3	4	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>N/NE 1.5 m/s</u>						
Start: <u>6:50 PM</u> End: <u>6:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-23</u>						
Wind Speed and Direction <u>N/NW 2.0 m/s</u>						
Start: <u>7:05 PM</u> End: <u>7:10 PM</u>						
min-1	1	1	1	1	1	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 5/09/12

Assessment Area: Southern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>N/NW 2.3 m/s</u>						
Start: <u>5:55 PM</u> End: <u>6:05 PM</u>						
min-1	3	3	2	3	3	2
min-2	3	3	3	2	2	2
min-3	2	3	3	3	3	3
min-4	3	3	3	3	3	3
min-5	3	3	3	3	3	3
min-6	3	3	3	3	3	3
min-7	3	3	3	3	3	2
min-8	2	3	2	3	3	3
min-9	3	2	2	2	2	3
min-10	3	3	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N/NW 2.3 m/s</u>						
Start: <u>6:08 PM</u> End: <u>6:18 PM</u>						
min-1	1	1	2	2	2	2
min-2	2	3	3	3	3	3
min-3	2	2	2	1	1	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	3
min-6	2	3	3	3	3	1
min-7	2	2	3	3	3	3
min-8	3	3	3	3	3	3
min-9	2	3	2	3	3	3
min-10	2	3	2	2	3	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-2</u>						
Wind Speed and Direction <u>N/NW 2.5 m/s</u>						
Start: <u>6:25 PM</u> End: <u>6:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>N/NW 2.7 m/s</u>						
Start: <u>6:33 PM</u> End: <u>6:43 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	0	0	1	1	0
min-3	1	1	2	2	2	3
min-4	3	3	3	3	3	3
min-5	3	3	3	3	3	3
min-6	3	3	3	3	3	3
min-7	3	3	3	3	3	3
min-8	4	4	3	3	4	4
min-9	3	4	3	4	4	4
min-10	3	2	4	4	4	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>N/NE 1.5 m/s</u>						
Start: <u>6:50 PM</u> End: <u>6:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-23</u>						
Wind Speed and Direction <u>N/NW 2.0 m/s</u>						
Start: <u>7:03 PM</u> End: <u>7:13 PM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- | | | | |
|---|---|-----------------------------|--------------------|
| A = Biofilter / Earthy | D = Green Waste / Herbacious | G = Manure / Dirty | J = Ammonia |
| B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit | E = Organic Growth Medium / Dry Compost | H = Deodoriser Spray | |
| C = Landfill Gas / Mercaptan / Sulphurous | F = Sceptic / Stale Water / Stagnant Water | I = Chicken Manure | |

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 5/09/12

Assessment Area: Southern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>7-27</u>						
Wind Speed and Direction <u>N/NW 2.0 m/s</u>						
Start: <u>7:20 PM</u> End: <u>7:30 PM</u>						
min-1	2	2	2	2	2	2
min-2	3	2	2	2	2	3
min-3	2	2	2	2	2	3
min-4	2	2	2	2	2	1
min-5	1	1	1	2	2	2
min-6	2	3	2	2	2	2
min-7	1	2	1	2	2	3
min-8	1	2	2	1	1	2
min-9	2	2	1	1	1	2
min-10	1	1	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:02 PM</u> End: <u>9:12 PM</u>						
min-1	1	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	1	1	1
min-5	0	0	1	0	1	1
min-6	0	0	0	0	0	1
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	1	1	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-6</u>						
Wind Speed and Direction <u>N 2.5 m/s</u>						
Start: <u>9:30 PM</u> End: <u>9:40 PM</u>						
min-1	1	2	1	2	2	2
min-2	2	2	2	2	2	2
min-3	1	2	2	2	2	2
min-4	2	2	2	2	2	2
min-5	2	2	2	2	2	2
min-6	2	1	0	1	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 5/09/12

Assessment Area: Southern Start Time: 5:00 PM End Time: 10:00 PM

Measurement Point: <u>7-27</u>						
Wind Speed and Direction <u>N/NW 1.6 m/s</u>						
Start: <u>7:20 PM</u> End: <u>7:30 PM</u>						
min-1	2	2	2	2	2	1
min-2	2	2	2	2	2	2
min-3	2	2	3	3	2	2
min-4	1	1	2	1	1	1
min-5	1	1	1	1	1	1
min-6	1	1	1	2	1	2
min-7	1	1	1	1	2	2
min-8	1	1	1	1	0	0
min-9	0	0	0	0	0	1
min-10	1	1	1	0	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:02 PM</u> End: <u>9:12 PM</u>						
min-1	1	0	0	0	1	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	1	1	0
min-5	0	0	0	0	0	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	1	1
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-6</u>						
Wind Speed and Direction <u>N 2.5 m/s</u>						
Start: <u>9:30 PM</u> End: <u>9:40 PM</u>						
min-1	2	2	2	3	3	3
min-2	3	3	2	3	3	3
min-3	3	2	1	1	2	2
min-4	1	1	2	2	2	1
min-5	1	1	1	1	0	0
min-6	0	0	1	0	0	0
min-7	0	0	1	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

J = Ammonia



FAOA RESULT LOGSHEET-

6 SEPTEMBER 2012
MORNING

FAOA - Session Summary (Odour Intensity)



Date: 6/09/12 Start Time: 6:00 AM End Time: 12:00 PM

Assessment Area: Northern & Southern Zones Intensity ≥ 1 Frequency ≥ 10%

Location	4-7			4-63			4-8			4-40			4-38			4-36		
	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%
0	0	1	1%	29	29	97%	36	25	51%	30	30	100%	30	30	100%	30	30	100%
1	3	29	27%	1	1	3%	18	32	42%	0	0	0%	0	0	0%	0	0	0%
2	21	24	38%	0	0	0%	4	3	6%	0	0	0%	0	0	0%	0	0	0%
3	32	6	32%	0	0	0%	2	0	2%	0	0	0%	0	0	0%	0	0	0%
4	4	0	3%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	60	59	99%	1	1	2%	24	35	49%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			NO			YES			NO			NO			NO		
≥ 2's	57	30	73%	0	0	0%	6	3	8%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			NO			NO			NO			NO			NO		

Location	6-24			7-24			7-28			7-19			7-3			7-17		
	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%	P-3	P-4	%
0	1	1	2%	46	40	72%	48	50	82%	30	30	100%	30	30	100%	30	30	100%
1	24	33	48%	13	17	25%	8	9	14%	0	0	0%	0	0	0%	0	0	0%
2	27	24	43%	1	3	3%	4	1	4%	0	0	0%	0	0	0%	0	0	0%
3	8	2	8%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	59	59	98%	14	20	28%	12	10	18%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			YES			YES			NO			NO			NO		
≥ 2's	35	26	51%	1	3	3%	4	1	4%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			NO			NO			NO			NO			NO		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 6/09/12

Assessment Area: Northern Zone Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>NW 2 m/s</u>						
Start: <u>6:24 AM</u> End: <u>6:34 AM</u>						
min-1	2	3	2	2	1	1
min-2	1	2	2	3	3	3
min-3	3	3	3	3	3	3
min-4	3	2	2	2	2	2
min-5	2	2	2	2	2	2
min-6	3	3	3	3	3	3
min-7	2	3	3	3	3	2
min-8	2	4	3	3	3	3
min-9	3	3	4	3	4	3
min-10	2	3	4	2	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-63</u>						
Wind Speed and Direction <u>W/NW 1.5 m/s</u>						
Start: <u>7:23 AM</u> End: <u>7:28 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	1	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>NW 2.8 m/s</u>						
Start: <u>10:48 AM</u> End: <u>10:58 AM</u>						
min-1	0	0	0	1	2	3
min-2	1	1	1	2	0	0
min-3	0	0	0	2	1	1
min-4	1	1	3	2	1	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	1	0	0	0
min-8	0	0	0	0	0	0
min-9	0	1	1	1	1	0
min-10	1	1	0	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N/NW 1.5 m/s</u>						
Start: <u>7:35 AM</u> End: <u>7:40 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-38</u>						
Wind Speed and Direction <u>NW 2.8 m/s</u>						
Start: <u>11:15 AM</u> End: <u>11:25 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N/NW 4.0 m/s</u>						
Start: <u>11:38 AM</u> End: <u>11:48 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 6/09/12

Assessment Area: Northern Zone Start Time: 6:00 AM End Time: 1:10 PM

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>NW 1.7 m/s</u>						
Start: <u>6:26 AM</u> End: <u>6:36 AM</u>						
min-1	3	3	3	2	3	3
min-2	2	2	2	2	1	1
min-3	1	1	2	1	1	1
min-4	2	2	2	2	1	1
min-5	2	2	2	2	2	2
min-6	3	1	1	1	1	1
min-7	2	2	2	1	1	1
min-8	1	1	1	2	2	2
min-9	1	1	1	0	2	2
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-63</u>						
Wind Speed and Direction <u>W/NW 1.5 m/s</u>						
Start: <u>7:23 AM</u> End: <u>7:28 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	1	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>NW 2.8 m/s</u>						
Start: <u>10:48 AM</u> End: <u>10:58 AM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	0	0	0	1
min-3	1	0	1	1	1	0
min-4	1	1	2	0	1	1
min-5	0	2	0	0	1	0
min-6	1	1	1	1	1	0
min-7	0	0	0	2	0	0
min-8	0	0	0	0	0	0
min-9	0	1	1	1	1	1
min-10	1	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N/NW</u>						
Start: <u>7:35 AM</u> End: <u>7:45 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-38</u>						
Wind Speed and Direction <u>NW 2.8 m/s</u>						
Start: <u>11:15 AM</u> End: <u>11:20 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N/NW 4.0 m/s</u>						
Start: <u>11:38 AM</u> End: <u>11:42 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 6/09/12

Assessment Area: Southern Zone Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>W 0.5 m/s</u>						
Start: <u>8:23 AM</u> End: <u>8:33 AM</u>						
min-1	0	1	1	2	1	1
min-2	1	2	2	2	2	2
min-3	2	2	1	2	3	2
min-4	2	2	2	2	2	3
min-5	3	3	2	3	3	1
min-6	2	2	1	1	1	1
min-7	1	2	1	2	1	1
min-8	1	1	1	1	1	1
min-9	2	2	1	1	2	2
min-10	3	2	2	3	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>N/NW 1 m/s</u>						
Start: <u>8:38 AM</u> End: <u>8:48 AM</u>						
min-1	1	1	0	1	1	2
min-2	0	0	0	0	1	0
min-3	0	0	0	0	1	0
min-4	0	0	0	0	1	1
min-5	0	0	0	0	0	1
min-6	1	0	0	0	0	0
min-7	1	0	0	0	0	0
min-8	0	0	1	0	1	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-28</u>						
Wind Speed and Direction <u>NW 4.7 m/s</u>						
Start: <u>9:34 AM</u> End: <u>9:44 AM</u>						
min-1	2	1	1	2	1	0
min-2	1	2	2	1	0	0
min-3	1	0	0	0	0	0
min-4	0	1	1	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-19</u>						
Wind Speed and Direction <u>NW 2.5 m/s</u>						
Start: <u>10:01 AM</u> End: <u>10:06 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>NW 2.8 m/s</u>						
Start: <u>9:01 AM</u> End: <u>9:06 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>NW 2.1 m/s</u>						
Start: <u>9:22 AM</u> End: <u>9:27 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 6/09/12

Assessment Area: Southern Zone Start Time: 6:00 AM End Time: 12:00 PM

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>N/NW 0.5 m/s</u>						
Start: <u>8:23 AM</u> End: <u>8:33 AM</u>						
min-1	2	2	2	2	2	2
min-2	2	2	2	2	1	1
min-3	1	1	1	1	1	1
min-4	1	1	1	2	2	2
min-5	1	1	1	2	3	3
min-6	2	2	2	1	1	1
min-7	1	1	2	1	1	1
min-8	1	1	1	1	1	2
min-9	2	1	1	2	2	1
min-10	1	1	1	0	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-24</u>						
Wind Speed and Direction <u>W/NW</u>						
Start: <u>8:38 AM</u> End: <u>8:48 AM</u>						
min-1	1	1	1	1	1	1
min-2	0	0	1	0	0	0
min-3	1	0	0	0	0	0
min-4	0	0	1	0	0	1
min-5	0	0	2	0	0	0
min-6	0	0	1	0	1	0
min-7	0	1	0	1	2	0
min-8	0	0	0	0	1	0
min-9	1	0	0	1	0	0
min-10	0	2	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-28</u>						
Wind Speed and Direction <u>NW 4.0 m/s</u>						
Start: <u>9:34 AM</u> End: <u>9:44 AM</u>						
min-1	1	1	2	1	1	1
min-2	1	1	1	1	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-19</u>						
Wind Speed and Direction <u>NW 2.5 m/s</u>						
Start: <u>10:01 AM</u> End: <u>10:06 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>NW 2.8 m/s</u>						
Start: <u>9:01 AM</u> End: <u>9:06 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-17</u>						
Wind Speed and Direction <u>NW 2.1 m.s</u>						
Start: <u>9:22 AM</u> End: <u>9:27 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

6 SEPTEMBER 2012

EVENING

FAOA - Session Summary (Odour Intensity)



Date: 6/09/12 Start Time: 5:00 PM End Time: 11:00 PM

Assessment Area: Eastern Creek & Kemps Creek Intensity \geq 1 Frequency \geq 10%

Location	4-6			4-7			4-8			4-9			4-40			4-36		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	15	26	34%	11	9	17%	60	60	100%	55	54	91%	53	60	94%
1	0	0	0%	27	33	50%	39	50	74%	0	0	0%	2	5	6%	5	0	4%
2	0	0	0%	18	1	16%	10	1	9%	0	0	0%	3	1	3%	2	0	2%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	45	34	66%	49	51	83%	0	0	0%	5	6	9%	7	0	6%
Freq Exceeded?	NO			YES			YES			NO			NO					
≥ 2 's	0	0	0%	18	1	16%	10	1	9%	0	0	0%	3	1	3%	2	0	2%
Freq Exceeded?	NO			YES			NO			NO			NO					

Location	4-37			4-38			4-10			4-11			4-13			4-14		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	20	39	49%	16	41	48%	0	19	16%	60	60	100%
1	0	0	0%	0	0	0%	19	15	28%	32	14	38%	15	25	33%	0	0	0%
2	0	0	0%	0	0	0%	11	4	13%	12	2	12%	10	12	18%	0	0	0%
3	0	0	0%	0	0	0%	10	2	10%	0	3	3%	19	4	19%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	16	0	13%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	0	0	0%	40	21	51%	44	19	53%	60	41	84%	0	0	0%
Freq Exceeded?	NO			NO			YES			YES			YES					
≥ 2 's	0	0	0%	0	0	0%	21	6	23%	12	5	14%	45	16	51%	0	0	0%
Freq Exceeded?	NO			NO			YES			YES			YES					

Location	4-13			4-40			4-7			4-21			4-44			0		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	0	14	12%	60	60	100%	4	13	14%	60	60	100%	54	60	100%	0	0	#DIV/0!
1	33	36	58%	0	0	0%	38	44	68%	0	0	0%	0	0	0%	0	0	#DIV/0!
2	23	8	26%	0	0	0%	18	1	16%	0	0	0%	0	0	0%	0	0	#DIV/0!
3	2	2	3%	0	0	0%	0	2	2%	0	0	0%	0	0	0%	0	0	#DIV/0!
4	2	0	2%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!
≥ 1 's	60	46	88%	0	0	0%	56	47	86%	0	0	0%	0	0	0%	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			NO			NO			#DIV/0!		
≥ 2 's	27	10	31%	0	0	0%	18	3	18%	0	0	0%	0	0	0%	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			NO			NO			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 6/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>5:15 PM</u> End: <u>5:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>5:29 PM</u> End: <u>5:39 PM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	1	2
min-3	1	1	0	0	2	2
min-4	2	2	1	1	1	2
min-5	2	2	1	1	1	2
min-6	1	2	2	1	2	2
min-7	2	2	1	1	0	0
min-8	1	1	0	0	1	1
min-9	1	1	1	2	2	1
min-10	1	0	1	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>5:44 PM</u> End: <u>5:54 PM</u>						
min-1	1	1	1	1	2	2
min-2	0	0	0	0	1	1
min-3	1	1	1	0	0	1
min-4	1	1	2	2	1	1
min-5	1	1	1	1	1	1
min-6	0	0	1	1	1	1
min-7	1	1	1	1	1	0
min-8	0	0	1	1	1	1
min-9	1	1	1	1	2	2
min-10	2	2	1	1	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:15 PM</u> End: <u>6:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:28 PM</u> End: <u>6:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	2	2	0	1	2	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:43 PM</u> End: <u>6:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	1	1	2	2
min-3	1	1	0	0	1	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 6/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N/NW 1 - 3 m/s</u>						
Start: <u>5:15 PM</u> End: <u>5:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>5:29 PM</u> End: <u>5:39 PM</u>						
min-1	1	1	0	0	1	1
min-2	0	1	0	0	0	0
min-3	0	0	1	1	0	0
min-4	0	0	1	1	0	0
min-5	0	0	0	0	1	0
min-6	0	0	1	1	2	0
min-7	0	1	1	1	1	1
min-8	1	1	1	1	1	1
min-9	1	1	1	1	1	1
min-10	1	1	0	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>5:44 PM</u> End: <u>5:54 PM</u>						
min-1	1	1	1	0	0	0
min-2	0	0	0	1	1	1
min-3	1	1	1	1	1	1
min-4	1	1	1	1	1	1
min-5	1	1	1	1	1	1
min-6	1	1	1	1	1	1
min-7	0	0	0	1	1	1
min-8	1	1	1	1	1	1
min-9	1	1	1	1	2	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-9</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:15 PM</u> End: <u>6:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:28 PM</u> End: <u>6:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	2	1	1	1
min-6	1	1	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>6:43 PM</u> End: <u>6:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 6/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-38</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>7:13 PM</u> End: <u>7:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:26 PM</u> End: <u>7:36 PM</u>						
min-1	1	1	2	2	1	1
min-2	1	1	0	0	2	2
min-3	2	2	1	1	0	0
min-4	0	0	1	1	1	0
min-5	0	0	2	2	0	0
min-6	1	1	0	0	1	1
min-7	0	0	1	1	0	0
min-8	0	0	0	2	2	2
min-9	3	3	3	3	3	3
min-10	1	3	1	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:39 PM</u> End: <u>7:49 PM</u>						
min-1	2	2	1	1	2	1
min-2	1	1	0	0	1	1
min-3	1	1	1	0	0	1
min-4	0	1	1	0	1	1
min-5	0	0	1	1	0	0
min-6	2	2	2	1	1	1
min-7	0	0	1	1	1	0
min-8	0	2	2	1	1	1
min-9	0	2	2	1	1	2
min-10	1	1	0	1	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:52 PM</u> End: <u>8:02 PM</u>						
min-1	3	3	4	4	3	3
min-2	1	2	1	1	3	3
min-3	4	4	4	3	4	3
min-4	4	4	3	3	4	4
min-5	4	4	4	3	4	4
min-6	4	3	1	1	3	3
min-7	2	2	3	3	3	3
min-8	2	1	2	1	1	1
min-9	1	1	2	2	1	1
min-10	2	3	1	1	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>9:00 PM</u> End: <u>9:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- | | | | |
|---|---|-----------------------------|--------------------|
| A = Biofilter / Earthy | D = Green Waste / Herbacious | G = Manure / Dirty | J = Ammonia |
| B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit | E = Organic Growth Medium / Dry Compost | H = Deodoriser Spray | |
| C = Landfill Gas / Mercaptan / Sulphurous | F = Sceptic / Stale Water / Stagnant Water | I = Chicken Manure | |

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 6/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>7:00 PM</u> End: <u>7:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-38</u>						
Wind Speed and Direction <u>NW 4 m/s</u>						
Start: <u>7:13 PM</u> End: <u>7:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-10</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:26 PM</u> End: <u>7:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	1	1	0	0	0
min-4	0	1	1	1	1	0
min-5	0	0	0	0	0	0
min-6	0	0	0	1	0	0
min-7	1	1	0	0	0	0
min-8	0	1	1	2	2	3
min-9	3	0	0	0	0	0
min-10	1	1	1	1	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>W/NW < 1 m/s</u>						
Start: <u>7:39 PM</u> End: <u>7:49 PM</u>						
min-1	3	3	3	2	2	1
min-2	1	1	1	1	0	0
min-3	0	1	0	0	0	0
min-4	0	0	1	0	1	0
min-5	0	1	0	1	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	1	0	0	0
min-9	0	0	1	1	0	0
min-10	0	0	0	0	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>7:52 PM</u> End: <u>8:02 PM</u>						
min-1	3	3	3	3	2	1
min-2	1	1	1	1	2	2
min-3	0	1	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	1	1	1	2
min-6	0	0	1	2	2	1
min-7	0	0	1	2	2	1
min-8	0	1	1	1	1	1
min-9	0	1	1	1	1	1
min-10	2	2	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>N/NW 1 - 3 m/s</u>						
Start: <u>9:00 PM</u> End: <u>9:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 6/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>9:12 PM</u> End: <u>9:22 PM</u>						
min-1	4	4	3	3	2	2
min-2	1	1	2	2	1	1
min-3	2	2	2	1	1	1
min-4	2	2	1	1	1	1
min-5	2	2	2	2	2	1
min-6	2	1	1	2	1	1
min-7	1	1	1	1	2	2
min-8	1	1	1	1	1	2
min-9	1	2	2	2	1	1
min-10	1	1	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>9:26 PM</u> End: <u>9:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>9:48 PM</u> End: <u>9:58 PM</u>						
min-1	2	2	1	1	2	1
min-2	2	2	2	1	1	1
min-3	1	1	2	1	1	1
min-4	2	1	1	1	2	2
min-5	2	2	1	1	2	2
min-6	1	1	1	2	1	1
min-7	1	1	1	1	2	1
min-8	1	1	1	0	0	0
min-9	1	2	1	1	2	1
min-10	1	1	1	0	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-21</u>						
Wind Speed and Direction <u>N/NE < 1 m/s</u>						
Start: <u>10:09 PM</u> End: <u>10:19 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>10:35 PM</u> End: <u>10:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 6/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>4-13</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>9:12 PM</u> End: <u>9:22 PM</u>						
min-1	3	3	2	1	0	0
min-2	0	2	2	2	1	1
min-3	0	2	2	2	1	1
min-4	1	1	1	1	1	1
min-5	1	1	1	1	1	1
min-6	0	0	2	0	0	0
min-7	1	1	1	1	1	1
min-8	0	0	1	1	1	1
min-9	1	1	1	1	1	1
min-10	0	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N/NW 1 - 3 m/s</u>						
Start: <u>9:26 PM</u> End: <u>9:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N/NW 1 - 2 m/s</u>						
Start: <u>9:48 PM</u> End: <u>9:58 PM</u>						
min-1	3	3	1	1	1	0
min-2	0	1	1	1	1	2
min-3	0	1	1	1	1	1
min-4	1	1	1	1	1	1
min-5	0	0	0	0	0	0
min-6	1	1	1	1	1	1
min-7	0	0	1	1	0	0
min-8	1	1	1	1	1	1
min-9	1	1	1	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-21</u>						
Wind Speed and Direction <u>N/NE < 1 m/a</u>						
Start: <u>10:09 PM</u> End: <u>10:19 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: _____ End: _____						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 6/09/12 Start Time: 5:00 PM End Time: 11:00 PM

Assessment Area: Eastern Creek & Kemps Creek Intensity \geq 1 Frequency \geq 10%

Location	6-12			6-11			7-27			7-18			7-15			6-24		
Intensity	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%
0	9	9	15%	0	7	6%	12	9	18%	0	1	1%	38	15	44%	44	30	62%
1	15	18	28%	41	24	54%	18	19	31%	1	4	4%	11	23	28%	16	27	36%
2	14	23	31%	19	25	37%	17	26	36%	7	14	18%	4	12	13%	0	3	3%
3	22	10	27%	0	4	3%	12	6	15%	35	28	53%	3	7	8%	0	0	0%
4	0	0	0%	0	0	0%	1	0	1%	17	13	25%	4	3	6%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	51	51	85%	60	53	94%	48	51	83%	60	59	99%	22	45	56%	16	30	38%
Freq Exceeded?	YES			YES			YES			YES			YES					
≥ 2 's	36	33	58%	19	29	40%	30	32	52%	59	55	95%	11	22	28%	0	3	3%
Freq Exceeded?	YES			YES			YES			YES			NO					

Location	6-12			6-10			6-9			7-15			0			0		
Intensity	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%	P-5	P-6	%
0	18	28	38%	33	25	92%	48	22	58%	20	17	31%	0	0	#DIV/0!	0	0	#DIV/0!
1	29	28	48%	0	5	8%	12	33	38%	24	17	34%	0	0	#DIV/0!	0	0	#DIV/0!
2	13	4	14%	0	0	0%	0	5	4%	13	15	23%	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	0%	0	0	0%	3	11	12%	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	42	32	62%	0	5	8%	12	38	42%	40	43	69%	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			YES			#DIV/0!					
≥ 2 's	13	4	14%	0	0	0%	0	5	4%	16	26	35%	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			NO			YES			#DIV/0!					

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 6/09/12

Assessment Area: _____ Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>6-12</u> Wind Speed and Direction <u>NW 2.2 m/s</u> Start: <u>5:22 PM</u> End: <u>5:32 PM</u>						
min-1	2	2	0	0	1	1
min-2	0	1	1	2	2	2
min-3	3	3	3	3	3	3
min-4	2	3	3	3	3	2
min-5	1	1	2	1	1	1
min-6	1	0	0	0	0	0
min-7	0	1	1	1	1	1
min-8	2	3	3	3	3	3
min-9	2	3	3	3	3	2
min-10	3	2	2	3	3	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-11</u> Wind Speed and Direction <u>NW < 1 m/s</u> Start: <u>5:56 PM</u> End: <u>6:06 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	2	1	2	2	2
min-3	1	1	2	1	2	2
min-4	1	1	1	2	1	1
min-5	1	2	1	1	2	2
min-6	1	1	1	1	1	1
min-7	2	2	1	2	1	1
min-8	1	2	2	1	1	2
min-9	1	1	1	2	1	1
min-10	1	1	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-27</u> Wind Speed and Direction <u>NW 2.5 m/s</u> Start: <u>6:15 PM</u> End: <u>6:25 PM</u>						
min-1	3	3	3	3	3	2
min-2	2	3	2	2	2	2
min-3	3	2	2	3	3	2
min-4	3	4	3	3	1	1
min-5	1	1	1	2	2	1
min-6	1	1	0	1	1	2
min-7	0	0	0	0	0	0
min-8	1	2	1	2	1	1
min-9	0	2	1	2	0	1
min-10	1	2	1	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-18</u> Wind Speed and Direction <u>NW < 1 m/s</u> Start: <u>6:37 PM</u> End: <u>6:47 PM</u>						
min-1	2	2	3	3	2	3
min-2	2	2	3	3	3	3
min-3	3	1	2	4	4	4
min-4	3	2	3	3	3	4
min-5	3	3	3	3	4	4
min-6	3	3	3	3	4	4
min-7	3	3	3	3	3	4
min-8	3	3	3	3	3	3
min-9	4	4	4	3	3	4
min-10	3	3	4	4	4	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-15</u> Wind Speed and Direction <u>NW < 1 m/s</u> Start: <u>7:06 PM</u> End: <u>7:16 PM</u>						
min-1	1	0	0	0	1	0
min-2	0	1	0	1	1	2
min-3	2	2	3	1	1	1
min-4	1	1	2	3	4	4
min-5	3	4	4	0	0	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-24</u> Wind Speed and Direction <u>NW < 1 m/s</u> Start: <u>7:25 PM</u> End: <u>7:35 PM</u>						
min-1	1	0	0	0	0	1
min-2	1	0	1	1	1	1
min-3	1	1	0	0	1	1
min-4	1	0	1	0	1	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	1	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 6/09/12

Assessment Area: Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: 6-12
 Wind Speed and Direction NW 2.2 m/s
 Start: 5:22 PM End: 5:32 PM

min-1	2	2	2	2	1	1
min-2	1	1	0	0	1	0
min-3	2	2	1	2	2	2
min-4	3	3	3	2	2	2
min-5	2	2	2	3	3	3
min-6	1	1	1	1	0	0
min-7	0	0	2	2	1	1
min-8	0	0	1	1	1	1
min-9	2	2	2	3	2	1
min-10	2	3	3	3	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 6-11
 Wind Speed and Direction NW < 1 m/s
 Start: 5:56 PM End: 6:06 PM

min-1	1	1	0	1	1	0
min-2	2	1	1	2	1	1
min-3	2	2	1	2	2	2
min-4	2	2	2	1	1	1
min-5	0	0	0	1	1	0
min-6	3	3	2	2	1	2
min-7	1	1	1	1	2	2
min-8	1	2	1	2	2	2
min-9	2	2	3	3	2	2
min-10	0	1	1	1	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 7-27
 Wind Speed and Direction NW < 2.5 m/s
 Start: 6:15 PM End: 6:25 PM

min-1	2	2	2	2	2	2
min-2	3	3	2	1	1	1
min-3	2	2	2	2	2	2
min-4	2	2	2	2	2	2
min-5	2	1	1	1	1	0
min-6	0	0	0	1	0	0
min-7	0	1	1	1	2	2
min-8	2	1	1	2	2	3
min-9	3	2	3	3	1	1
min-10	1	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 7-18
 Wind Speed and Direction NW < 1 m/s
 Start: 6:37 PM End: 6:47 PM

min-1	2	3	3	3	2	3
min-2	3	3	2	3	2	2
min-3	2	4	3	1	0	1
min-4	1	1	3	2	2	2
min-5	2	3	3	4	4	3
min-6	2	2	3	2	3	3
min-7	3	3	2	3	4	4
min-8	4	3	3	3	4	4
min-9	4	3	3	3	3	3
min-10	4	4	3	3	4	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 7-15
 Wind Speed and Direction NW < 1 m/s
 Start: 7:06 PM End: 7:16 PM

min-1	1	1	0	0	1	1
min-2	0	1	1	0	1	1
min-3	1	1	2	1	1	1
min-4	2	2	2	3	2	2
min-5	2	2	3	3	3	3
min-6	1	1	2	2	2	3
min-7	4	4	4	3	2	1
min-8	1	1	1	1	0	0
min-9	0	1	1	0	0	0
min-10	0	0	0	0	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 6-24
 Wind Speed and Direction W/NW < 1 m/s
 Start: 7:25 PM End: 7:35 PM

min-1	1	1	1	0	1	0
min-2	1	1	0	0	0	1
min-3	0	0	1	1	1	1
min-4	2	1	1	1	1	1
min-5	0	0	0	0	1	0
min-6	1	1	0	0	0	1
min-7	0	0	0	0	0	0
min-8	1	1	0	1	1	0
min-9	0	0	1	0	1	1
min-10	0	0	0	0	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 6/09/12

Assessment Area: _____ Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>6-12</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>9:20 PM</u> End: <u>9:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	1	0	0	1
min-3	1	2	1	2	2	1
min-4	1	1	0	1	1	2
min-5	1	2	2	2	2	2
min-6	2	1	1	1	1	2
min-7	1	2	1	1	2	1
min-8	1	1	1	1	1	1
min-9	1	1	1	1	1	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-10</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:56 PM</u> End: <u>8:01 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0			
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-9</u>						
Wind Speed and Direction <u>W < 1 m/s</u>						
Start: <u>10:05 PM</u> End: <u>10:15 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	0	1	0	0
min-3	0	0	0	0	0	0
min-4	0	1	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	1	1	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-15</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:25 PM</u> End: <u>10:35 PM</u>						
min-1	2	2	3	3	2	2
min-2	3	1	1	1	1	1
min-3	1	1	1	1	2	2
min-4	1	1	1	2	1	1
min-5	1	2	1	1	2	1
min-6	1	1	2	2	0	1
min-7	0	1	1	2	2	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 6/09/12

Assessment Area: Start Time: 5:00 PM End Time: 11:00 PM

Measurement Point: <u>6-12</u>						
Wind Speed and Direction <u>NW < 1 m/s</u>						
Start: <u>9:20 PM</u> End: <u>9:30 PM</u>						
min-1	1	1	1	0	0	0
min-2	1	0	0	1	1	0
min-3	1	1	0	0	1	1
min-4	1	1	2	2	1	2
min-5	2	1	1	1	0	0
min-6	1	1	1	1	0	0
min-7	0	0	0	1	1	1
min-8	1	1	1	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-10</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:56 PM</u> End: <u>10:06 PM</u>						
min-1	1	1	1	0	1	1
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:07 AM</u> End: <u>10:17 AM</u>						
min-1	1	1	1	1	2	2
min-2	1	1	1	1	1	1
min-3	0	0	1	1	1	1
min-4	2	2	2	1	1	1
min-5	1	1	1	1	1	1
min-6	0	0	0	1	1	0
min-7	0	0	0	0	0	0
min-8	1	0	1	1	1	1
min-9	0	0	0	0	0	0
min-10	0	1	0	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-15</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:25 PM</u> End: <u>10:35 PM</u>						
min-1	3	3	2	1	2	2
min-2	3	2	2	1	2	2
min-3	1	2	1	1	3	3
min-4	3	2	2	2	3	3
min-5	3	2	2	1	1	1
min-6	0	0	1	1	1	0
min-7	2	3	3	2	1	0
min-8	0	1	1	1	0	0
min-9	0	0	0	0	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- | | | | |
|--|--|----------------------|-------------|
| A = Biofilter / Earthy | D = Green Waste / Herbacious | G = Manure / Dirty | J = Ammonia |
| B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit | E = Organic Growth Medium / Dry Compost | H = Deodoriser Spray | |
| C = Landfill Gas / Mercaptan / Sulphurous | F = Sceptic / Stale Water / Stagnant Water | I = Chicken Manure | |



FAOA RESULT LOGSHEET-

10 SEPTEMBER 2012
EVENING

FAOA - Session Summary (Odour Intensity)



Date: 10/09/12

Start Time: 7:00 PM

End Time: 12:00 AM

Assessment Area: Eastern Creek & Kemps Creek

Intensity ≥ 1

Frequency ≥ 10%

Location	4-55			4-46			4-58			3-20			4-50			4-51		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	60	60	100%	60	60	100%	60	60	100%	60	60	100%
1	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
2	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO					
≥ 2's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO					

Location	4-54			4-44			3-21			3-4			3-31			3-2		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	23	45	57%	18	35	45%	60	60	100%	60	60	100%
1	0	0	0%	0	0	0%	27	14	34%	35	24	50%	0	0	0%	0	0	0%
2	0	0	0%	0	0	0%	10	1	9%	6	1	6%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	0	0	0%	0	0	0%	37	15	43%	41	25	55%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			YES			NO					
≥ 2's	0	0	0%	0	0	0%	10	1	9%	6	1	6%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO					

Location	3-12			3-10			3-35			0			0			0		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	60	60	100%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1's	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			NO			#DIV/0!			#DIV/0!					
≥ 2's	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			NO			#DIV/0!			#DIV/0!					

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-55</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:43 PM</u> End: <u>7:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-46</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:56 PM</u> End: <u>8:06 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:09 PM</u> End: <u>8:19 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-20</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:22 PM</u> End: <u>8:32 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-50</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:35 PM</u> End: <u>8:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-51</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:48 PM</u> End: <u>8:58 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-55</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:43 PM</u> End: <u>7:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-46</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:56 PM</u> End: <u>8:06 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:09 PM</u> End: <u>8:19 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-20</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:22 PM</u> End: <u>8:32 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-50</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:35 PM</u> End: <u>8:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-51</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:48 PM</u> End: <u>8:58 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-54</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>9:02 PM</u> End: <u>9:12 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>9:17 PM</u> End: <u>9:27 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-21</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:17 PM</u> End: <u>10:27 PM</u>						
min-1	2	1	1	1	0	0
min-2	1	1	1	0	0	0
min-3	1	1	1	1	2	1
min-4	0	0	0	1	2	1
min-5	0	0	0	1	1	2
min-6	1	1	2	2	2	2
min-7	2	2	1	1	1	1
min-8	1	1	1	1	0	0
min-9	0	0	1	1	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-4</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:31 PM</u> End: <u>10:41 PM</u>						
min-1	2	2	1	1	1	2
min-2	0	0	1	1	2	2
min-3	1	1	0	0	0	0
min-4	0	1	2	1	1	0
min-5	0	0	0	0	0	0
min-6	1	1	0	0	1	1
min-7	0	1	1	1	1	0
min-8	1	1	1	1	1	1
min-9	1	1	1	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	K

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>S/SE < 1 m/s</u>						
Start: <u>10:43 PM</u> End: <u>10:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-2</u>						
Wind Speed and Direction <u>S/SE < 1 m/s</u>						
Start: <u>10:59 PM</u> End: <u>11:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

J = Ammonia

K = Citrus/Fruit

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-54</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>9:02 PM</u> End: <u>9:12 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>9:17 PM</u> End: <u>9:27 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-21</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:17 PM</u> End: <u>10:27 PM</u>						
min-1	2	1	1	1	0	0
min-2	1	1	1	1	1	1
min-3	0	0	0	0	0	0
min-4	0	0	1	0	0	0
min-5	0	0	0	0	0	0
min-6	1	1	0	0	1	0
min-7	0	1	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-4</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:31 PM</u> End: <u>10:41 PM</u>						
min-1	2	1	1	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	0	0	0
min-7	0	1	1	1	0	0
min-8	1	1	1	1	1	1
min-9	1	1	1	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	K

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>S/SE < 1 m/s</u>						
Start: <u>10:43 PM</u> End: <u>10:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-2</u>						
Wind Speed and Direction <u>S/SE < 1 m/s</u>						
Start: <u>10:59 PM</u> End: <u>11:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia
- K = Citrus/Fruit

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: 3-12
 Wind Speed and Direction S/SW < 1 m/s
 Start: 11:14 PM End: 11:24 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: 3-10
 Wind Speed and Direction SW < 1 m/s
 Start: 11:27 PM End: 11:37 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: 3-35
 Wind Speed and Direction SW < 1 m/s
 Start: 11:41 PM End: 11:51 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):

A	B	C	D	E
F	G	H	I	J

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>3-12</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>11:14 PM</u> End: <u>11:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:27 PM</u> End: <u>11:37 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-35</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:41 PM</u> End: <u>11:51 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 10/09/12 Start Time: 7:00 PM End Time: 12:00 AM

Assessment Area: Eastern Creek Intensity ≥ 1 Frequency ≥ 10%

Location	4-60			4-35			4-39			4-29			4-6			1-31		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	36	29	54%	60	60	100%	30	30	100%	24	45	58%	49	52	84%	0	2	2%
1	8	15	19%	0	0	0%	0	0	0%	20	14	28%	9	8	14%	12	22	28%
2	10	11	18%	0	0	0%	0	0	0%	15	1	13%	2	0	2%	36	24	50%
3	6	4	8%	0	0	0%	0	0	0%	1	0	1%	0	0	0%	12	12	20%
4	0	1	1%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	24	31	46%	0	0	0%	0	0	0%	36	15	43%	11	8	16%	60	58	98%
Freq Exceeded?	YES			NO			NO			YES			YES					
≥ 2's	16	16	27%	0	0	0%	0	0	0%	16	1	14%	2	0	2%	48	36	70%
Freq Exceeded?	YES			NO			NO			YES			NO					

Location	4-11			4-14			4-15			4-17			1-32			1-33		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	55	57	93%	33	31	53%	0	1	1%	42	46	73%	30	30	100%	30	30	100%
1	2	3	4%	11	15	22%	3	17	17%	9	8	14%	0	0	0%	0	0	0%
2	3	0	3%	4	11	13%	30	20	42%	4	1	4%	0	0	0%	0	0	0%
3	0	0	0%	12	3	13%	25	16	34%	4	4	7%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	2	6	7%	1	1	2%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	5	3	7%	27	29	47%	60	59	99%	18	14	27%	0	0	0%	0	0	0%
Freq Exceeded?	NO			YES			YES			YES			NO					
≥ 2's	3	0	3%	16	14	25%	57	42	83%	9	6	13%	0	0	0%	0	0	0%
Freq Exceeded?	NO			YES			YES			YES			NO					

Location	4-67			0			0			0			0			0		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	30	30	100%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1's	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!					
≥ 2's	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!					

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 10/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-60</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:35 PM</u> End: <u>7:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	2	2	2	2	1
min-7	1	1	0	0	2	1
min-8	1	2	2	1	1	0
min-9	0	0	2	2	3	1
min-10	2	3	3	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-35</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:50 PM</u> End: <u>8:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-39</u>						
Wind Speed and Direction <u>E 1 m/s</u>						
Start: <u>8:06 PM</u> End: <u>8:11 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-29</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:18 PM</u> End: <u>8:28 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	1	1	1
min-4	2	2	2	1	2	1
min-5	1	1	0	2	1	1
min-6	2	3	2	1	1	0
min-7	2	2	2	2	0	0
min-8	0	0	1	1	1	0
min-9	0	1	2	2	2	1
min-10	0	1	1	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>8:40 PM</u> End: <u>8:50 PM</u>						
min-1	1	1	2	2	1	1
min-2	0	0	1	0	0	0
min-3	0	1	1	1	0	1
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-31</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:48 PM</u> End: <u>8:58 PM</u>						
min-1	2	2	3	2	2	2
min-2	2	2	3	2	3	2
min-3	3	2	2	3	3	2
min-4	3	2	2	3	3	2
min-5	2	2	2	2	3	1
min-6	2	3	3	1	1	1
min-7	2	1	1	1	2	2
min-8	1	1	2	1	1	2
min-9	1	2	2	2	2	2
min-10	2	2	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-60</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:35 PM</u> End: <u>7:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	1	2	2	2	1
min-6	1	1	2	1	0	1
min-7	2	1	1	1	1	1
min-8	1	1	1	0	0	0
min-9	2	3	3	4	3	3
min-10	2	2	1	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-35</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>7:50 PM</u> End: <u>8:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-39</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:06 PM</u> End: <u>8:11 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-29</u>						
Wind Speed and Direction <u>E < 1 m/s</u>						
Start: <u>8:18 PM</u> End: <u>8:28 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	1	1	1
min-4	1	1	0	0	1	0
min-5	0	0	0	0	0	0
min-6	1	1	1	1	1	1
min-7	2	1	1	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>8:40 PM</u> End: <u>8:50 PM</u>						
min-1	1	1	1	0	0	0
min-2	0	1	1	1	1	1
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-31</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:04 PM</u> End: <u>9:14 PM</u>						
min-1	2	2	1	1	1	1
min-2	1	1	0	0	1	1
min-3	2	3	3	2	1	2
min-4	1	1	1	2	2	2
min-5	3	3	3	2	2	2
min-6	3	3	3	3	3	3
min-7	2	1	2	1	1	1
min-8	2	1	2	1	1	1
min-9	2	2	2	3	2	2
min-10	1	1	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 10/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:02 PM</u> End: <u>10:12 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	2	2	2	1	1	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:12 PM</u> End: <u>10:22 PM</u>						
min-1	3	3	3	3	3	3
min-2	3	3	3	3	3	3
min-3	2	2	1	1	0	0
min-4	0	0	0	0	0	0
min-5	1	2	1	1	1	2
min-6	0	0	1	1	1	1
min-7	1	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-15</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:26 PM</u> End: <u>10:36 PM</u>						
min-1	3	3	3	3	2	2
min-2	2	2	3	3	3	3
min-3	3	3	2	2	3	2
min-4	2	1	3	2	3	3
min-5	2	2	2	1	1	3
min-6	2	3	3	3	3	2
min-7	3	4	3	2	2	3
min-8	4	3	3	2	2	2
min-9	3	2	2	2	2	2
min-10	2	2	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-17</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:40 PM</u> End: <u>10:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	1	1
min-4	2	3	3	3	4	3
min-5	2	2	2	1	1	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	1	1	0	0	1	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-32</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:56 PM</u> End: <u>11:01 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-33</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:59 PM</u> End: <u>11:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- K = Citrus/Fruit
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: 4-11
Wind Speed and Direction SW < 1 m/s
Start: 10:02 PM End: 10:12 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-14
Wind Speed and Direction SW < 1 m/s
Start: 10:12 PM End: 10:22 PM

min-1	2	2	2	3	3	3
min-2	2	2	1	1	2	2
min-3	2	2	1	1	1	1
min-4	0	0	1	1	0	0
min-5	2	2	1	1	0	0
min-6	0	0	0	1	1	1
min-7	0	0	0	0	0	0
min-8	0	0	1	1	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-15
Wind Speed and Direction SW < 1 m/s
Start: 10:26 PM End: 10:36 PM

min-1	3	3	2	2	3	3
min-2	2	2	2	1	2	2
min-3	2	1	2	2	1	1
min-4	3	3	2	2	1	1
min-5	1	1	1	1	1	1
min-6	1	1	2	2	2	2
min-7	3	3	3	3	2	2
min-8	2	2	1	1	1	0
min-9	4	4	3	4	3	3
min-10	4	4	4	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 4-17
Wind Speed and Direction SW < 1 m/s
Start: 10:40 PM End: 10:50 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	3	3	3
min-4	4	3	2	1	1	1
min-5	1	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	1	1	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 1-32
Wind Speed and Direction CALM
Start: 10:56 PM End: 11:01 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: 1-33
Wind Speed and Direction SW < 1 m/s
Start: 10:59 PM End: 11:09 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- K = Citrus/Fruit
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 10/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: 4-67
 Wind Speed and Direction W/SW < 1 m/s
 Start: 11:32 AM End: 11:37 AM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 10/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-67</u>						
Wind Speed and Direction <u>W/SW < 1 m/s</u>						
Start: <u>11:32 AM</u> End: <u>11:37 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 10/09/12

Start Time: 7:00 PM

End Time: 12:00 AM

Assessment Area: Southern Zone

Intensity \geq 1

Frequency \geq 10%

Location	8-7			7-29			7-1			7-4			6-25			6-24		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	30	30	100%	30	30	100%	8	18	22%	30	30	100%	30	30	100%	30	30	100%
1	0	0	0%	0	0	0%	23	21	37%	0	0	0%	0	0	0%	0	0	0%
2	0	0	0%	0	0	0%	24	17	34%	0	0	0%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	5	4	8%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	0	0	0%	52	42	78%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			NO			NO			NO		
≥ 2 's	0	0	0%	0	0	0%	29	21	42%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			NO			NO			NO		

Location	6-9			6-8			3-3			6-1			6-2			6-5		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	30	30	100%	33	32	54%	40	46	72%	30	30	100%	30	30	100%	30	30	100%
1	0	0	0%	24	28	43%	20	14	28%	0	0	0%	0	0	0%	0	0	0%
2	0	0	0%	3	0	3%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	27	28	46%	20	14	28%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			YES			YES			NO			NO			NO		
≥ 2 's	0	0	0%	3	0	3%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO			NO		

Location	6-7			6-26			0			0			0			0		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	4	8	10%	31	34	90%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	22	18	33%	5	2	10%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	33	22	46%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	1	12	11%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	56	52	90%	5	2	10%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	34	34	57%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 10/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>8-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:40 PM</u> End: <u>7:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-29</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:52 PM</u> End: <u>7:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:04 PM</u> End: <u>8:14 PM</u>						
min-1	2	2	3	3	3	0
min-2	2	2	3	2	2	2
min-3	1	2	1	1	1	0
min-4	1	1	1	1	1	1
min-5	1	1	1	1	1	1
min-6	1	1	2	2	3	2
min-7	2	2	2	2	2	2
min-8	2	2	1	1	2	2
min-9	2	2	2	1	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-4</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:20 PM</u> End: <u>8:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:33 PM</u> End: <u>8:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>W/SW 1 - 3 m/s</u>						
Start: <u>8:45 PM</u> End: <u>8:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 10/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>8-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:40 PM</u> End: <u>7:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-29</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>7:52 PM</u> End: <u>7:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:04 PM</u> End: <u>8:14 PM</u>						
min-1	0	1	0	0	1	2
min-2	2	2	1	1	2	2
min-3	0	1	2	2	2	1
min-4	0	1	2	1	1	1
min-5	0	1	1	1	1	1
min-6	2	3	3	2	2	2
min-7	3	3	2	2	2	1
min-8	0	1	1	1	2	1
min-9	1	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-4</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:20 PM</u> End: <u>8:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:33 PM</u> End: <u>8:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>W/SW 1 - 3 m/s</u>						
Start: <u>8:45 PM</u> End: <u>8:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 10/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>6-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:00 PM</u> End: <u>9:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-8</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:10 PM</u> End: <u>9:20 PM</u>						
min-1	1	1	1	1	1	2
min-2	1	2	1	1	0	0
min-3	0	1	1	1	2	0
min-4	1	1	1	1	1	1
min-5	1	1	0	0	0	1
min-6	1	1	0	1	0	0
min-7	0	1	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:10 PM</u> End: <u>10:20 PM</u>						
min-1	1	1	1	1	1	1
min-2	0	0	0	0	0	0
min-3	0	1	1	1	1	1
min-4	1	1	0	0	1	1
min-5	1	1	0	0	0	0
min-6	1	0	1	0	0	0
min-7	0	0	1	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:30 PM</u> End: <u>10:35 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:40 PM</u> End: <u>10:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-5</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:50 PM</u> End: <u>10:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- K = Citrus/Fruit
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 10/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>6-9</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:00 PM</u> End: <u>9:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-8</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:10 PM</u> End: <u>9:20 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	1	1	1	1
min-3	1	0	0	1	1	1
min-4	1	1	1	1	0	1
min-5	1	1	0	0	0	0
min-6	1	0	0	1	0	0
min-7	0	1	0	1	0	0
min-8	0	0	0	0	0	1
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>S/SW < 1 m/s</u>						
Start: <u>10:10 PM</u> End: <u>10:20 PM</u>						
min-1	1	1	1	0	0	1
min-2	0	0	0	0	1	1
min-3	0	1	1	1	0	0
min-4	0	0	0	0	1	0
min-5	0	0	0	0	0	1
min-6	0	0	0	0	1	0
min-7	0	0	0	0	0	1
min-8	0	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:30 PM</u> End: <u>10:35 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:40 PM</u> End: <u>10:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-5</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:50 PM</u> End: <u>10:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia
- K = Citrus/Fruit

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 10/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>6-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:10 PM</u> End: <u>11:20 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	2	2	1	0	0
min-3	1	1	1	0	1	1
min-4	1	1	1	1	1	1
min-5	2	2	2	2	2	2
min-6	2	2	1	1	2	2
min-7	2	2	2	2	2	2
min-8	2	2	2	2	2	3
min-9	2	2	2	1	2	0
min-10	2	2	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-26</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:33 PM</u> End: <u>11:38 PM</u>						
min-1	1	1	1	1	1	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 10/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>6-7</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:10 PM</u> End: <u>11:20 PM</u>						
min-1	1	2	1	2	1	1
min-2	1	1	2	0	0	0
min-3	1	1	2	2	2	1
min-4	2	2	3	3	3	2
min-5	3	3	3	3	3	3
min-6	2	2	3	3	3	2
min-7	2	2	2	2	2	2
min-8	2	2	2	1	0	0
min-9	0	0	0	1	1	1
min-10	1	1	1	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-26</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:33 PM</u> End: <u>11:39 PM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

11 SEPTEMBER 2012
EVENING

FAOA - Session Summary (Odour Intensity)



Date: 11/09/12

Start Time: 7:15 PM

End Time: 12:15 AM

Assessment Area: Eastern Creek & Kemps Creek

Intensity ≥ 1

Frequency ≥ 10%

Location	4-55			4-46			4-58			4-45			3-7			3-1		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	60	60	100%	13	47	50%	60	60	100%	57	56	94%
1	0	0	0%	0	0	0%	0	0	0%	21	13	28%	0	0	0%	0	4	3%
2	0	0	0%	0	0	0%	0	0	0%	26	0	22%	0	0	0%	3	0	3%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	0	0	0%	0	0	0%	0	0	0%	47	13	50%	0	0	0%	3	4	6%
Freq Exceeded?	NO			NO			NO			YES			NO					
≥ 2's	0	0	0%	0	0	0%	0	0	0%	26	0	22%	0	0	0%	3	0	3%
Freq Exceeded?	NO			NO			NO			YES			NO					

Location	4-44			3-31			3-22			3-10			3-16			3-3		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	0	25	21%	38	52	75%	60	60	100%	60	60	100%	60	60	100%	42	50	77%
1	24	32	47%	20	8	23%	0	0	0%	0	0	0%	0	0	0%	15	8	19%
2	26	3	24%	2	0	2%	0	0	0%	0	0	0%	0	0	0%	3	2	4%
3	7	0	6%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	3	0	3%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	60	35	79%	22	8	25%	0	0	0%	0	0	0%	0	0	0%	18	10	23%
Freq Exceeded?	YES			YES			NO			NO			NO			YES		
≥ 2's	36	3	33%	2	0	2%	0	0	0%	0	0	0%	0	0	0%	3	2	4%
Freq Exceeded?	YES			NO			NO			NO			NO			NO		

Location	3-11			1-6			1-8			0			0			0		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	60	60	100%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1's	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			NO			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2's	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			NO			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 11/09/12

Assessment Area: Eastern Creek Start Time: 7:15 PM End Time: 12:15 AM

Measurement Point: <u>4-55</u>						
Wind Speed and Direction <u>S <1 m/s</u>						
Start: <u>7:45 PM</u> End: <u>7:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-46</u>						
Wind Speed and Direction <u>S <1 m/s</u>						
Start: <u>7:59 PM</u> End: <u>8:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>8:13 PM</u> End: <u>8:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-45</u>						
Wind Speed and Direction <u>SWS <1 m/s</u>						
Start: <u>8:26 PM</u> End: <u>8:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	2	2	1	1	2	2
min-4	2	2	2	1	2	1
min-5	1	1	2	2	1	1
min-6	0	1	1	2	2	2
min-7	2	1	1	1	1	1
min-8	2	1	2	2	1	2
min-9	2	2	2	2	1	1
min-10	2	2	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-7</u>						
Wind Speed and Direction <u>S <1 m/s</u>						
Start: <u>8:55 PM</u> End: <u>9:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-1</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>9:08 PM</u> End: <u>9:18 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 11/09/12

Assessment Area: Eastern Creek and Kemps Creek Start Time: 7:15 PM End Time: 12:15 AM

Measurement Point: <u>4-55</u>						
Wind Speed and Direction <u>S <1 m/s</u>						
Start: <u>7:45 PM</u> End: <u>7:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-46</u>						
Wind Speed and Direction <u>S <1 m/s</u>						
Start: <u>7:59 PM</u> End: <u>8:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>8:13 PM</u> End: <u>8:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-45</u>						
Wind Speed and Direction <u>SWS <1 m/s</u>						
Start: <u>8:26 PM</u> End: <u>8:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	1	1	1	1	1	1
min-4	1	1	1	0	0	0
min-5	0	0	1	1	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	1
min-8	1	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-7</u>						
Wind Speed and Direction <u>S <1 m/s</u>						
Start: <u>8:55 PM</u> End: <u>9:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-1</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>9:08 PM</u> End: <u>9:18 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 11/09/12

Assessment Area: Eastern Creek and Kemps Creek Start Time: 7:15 PM End Time: 12:15 AM

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>9:21 PM</u> End: <u>9:31 PM</u>						
min-1	2	3	3	2	3	3
min-2	3	2	3	4	4	4
min-3	3	2	2	2	2	2
min-4	1	2	2	1	1	2
min-5	2	1	1	2	2	1
min-6	1	1	1	1	2	2
min-7	2	2	1	1	2	1
min-8	2	2	2	1	2	1
min-9	2	1	1	1	1	1
min-10	2	1	1	1	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>9:35 PM</u> End: <u>9:45 PM</u>						
min-1	1	1	0	0	1	1
min-2	0	1	1	2	2	1
min-3	0	1	0	1	0	1
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	1	1	0	0
min-7	0	0	0	1	1	0
min-8	1	1	1	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-22</u>						
Wind Speed and Direction <u>WSW</u>						
Start: <u>9:49 PM</u> End: <u>9:59 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>SW <1 m/s</u>						
Start: <u>10:05 PM</u> End: <u>10:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-16</u>						
Wind Speed and Direction <u>SW <1 m/s</u>						
Start: <u>10:18 PM</u> End: <u>10:28 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>WSW <1 m/s</u>						
Start: <u>10:45 PM</u> End: <u>10:55 PM</u>						
min-1	2	2	1	1	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	1	2	1	1	1	1
min-7	1	1	1	1	0	0
min-8	0	0	1	1	1	1
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 11/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:15 PM End Time: 12:15 AM

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>9:21 PM</u> End: <u>9:31 PM</u>						
min-1	2	2	2	1	1	1
min-2	1	1	1	1	1	1
min-3	1	0	0	0	0	0
min-4	1	0	0	0	0	0
min-5	1	1	1	1	1	1
min-6	1	1	1	1	1	1
min-7	1	1	1	1	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>9:35 PM</u> End: <u>9:45 PM</u>						
min-1	0	1	1	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	1	1	1	0	1
min-8	0	0	0	0	0	0
min-9	0	1	1	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-22</u>						
Wind Speed and Direction <u>WSW</u>						
Start: <u>9:49 PM</u> End: <u>9:59 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-10</u>						
Wind Speed and Direction <u>SW <1 m/s</u>						
Start: <u>10:05 PM</u> End: <u>10:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-16</u>						
Wind Speed and Direction <u>SW <1 m/s</u>						
Start: <u>10:18 PM</u> End: <u>10:28 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>WSW <1 m/s</u>						
Start: <u>10:45 PM</u> End: <u>10:55 PM</u>						
min-1	2	2	1	1	1	1
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	1	1	1	0	0	0
min-7	0	1	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 11/09/12

Assessment Area: Eastern Creek Start Time: 7:15 PM End Time: 12:15 AM

Measurement Point: 3-11
 Wind Speed and Direction SW <1 m/s
 Start: 11:00 PM End: 11:10 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: 1-6
 Wind Speed and Direction SSW <1 m/s
 Start: 11:30 PM End: 11:40 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: 1-8
 Wind Speed and Direction SSW <1 m/s
 Start: 11:43 PM End: 11:53 PM

min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction N/NE 1-2 m/s
 Start: 2:40 PM End: 2:50 PM

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction N/NW 1-2 m/s
 Start: 3:05 PM End: 3:15 PM

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Measurement Point: _____
 Wind Speed and Direction _____
 Start: _____ End: _____

min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						

Descriptor(s):	A	B	C	D	E
	F	G	H	I	J

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 11/09/12

Assessment Area: Eastern Creek and Kemps Creek Start Time: 7:15 PM End Time: 12:15 AM

Measurement Point: <u>3-11</u>						
Wind Speed and Direction <u>SW <1 m/s</u>						
Start: <u>11:00 PM</u> End: <u>11:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-6</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>11:30 PM</u> End: <u>11:40 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-8</u>						
Wind Speed and Direction <u>SSW <1 m/s</u>						
Start: <u>11:43 PM</u> End: <u>11:53 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>2:40 PM</u> End: <u>2:50 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 11/09/12 Start Time: 7:00 PM End Time: 12:00 AM

Assessment Area: Eastern Creek Intensity ≥ 1 Frequency ≥ 10%

Location	4-6			4-1			4-68			4-3			1-32			1-33		
Intensity	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%
0	30	30	100%	6	2	7%	3	4	6%	0	2	2%	30	21	43%	30	30	100%
1	0	0	0%	27	30	48%	8	7	13%	3	11	12%	17	23	33%	0	0	0%
2	0	0	0%	27	28	46%	26	17	37%	41	27	57%	13	13	22%	0	0	0%
3	0	0	0%	0	0	0%	19	27	40%	16	20	30%	0	3	3%	0	0	0%
4	0	0	0%	0	0	0%	0	5	4%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	0	0	0%	54	58	93%	53	56	94%	60	58	98%	30	39	58%	0	0	0%
Freq Exceeded?	NO			YES			YES			YES			YES			NO		
≥ 2's	0	0	0%	27	28	46%	45	49	81%	57	47	87%	13	16	24%	0	0	0%
Freq Exceeded?	NO			YES			YES			YES			YES			NO		

Location	1-34			1-31			4-60			4-11			4-14			4-17		
Intensity	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%
0	1	9	8%	30	30	100%	47	38	71%	32	14	38%	0	6	5%	0	4	3%
1	18	19	31%	0	0	0%	12	21	28%	16	18	28%	11	15	22%	10	18	23%
2	38	19	48%	0	0	0%	1	1	2%	10	21	26%	33	19	43%	41	31	60%
3	3	11	12%	0	0	0%	0	0	0%	2	7	8%	14	15	24%	9	7	13%
4	0	2	2%	0	0	0%	0	0	0%	0	0	0%	2	5	6%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	59	51	92%	0	0	0%	13	22	29%	28	46	62%	60	54	95%	60	56	97%
Freq Exceeded?	YES			NO			YES			YES			YES			YES		
≥ 2's	41	32	61%	0	0	0%	1	1	2%	12	28	33%	49	39	73%	50	38	73%
Freq Exceeded?	YES			NO			NO			YES			YES			YES		

Location	4-63			1-35			0			0			0			0		
Intensity	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%	P-1	P-6	%
0	30	30	100%	22	10	27%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	0	0	0%	13	15	23%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	24	28	43%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	1	7	7%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1's	0	0	0%	38	50	73%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2's	0	0	0%	25	35	50%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-1 Date: 11/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>7:35 PM</u> End: <u>7:40 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-1</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>7:56 PM</u> End: <u>8:06 PM</u>						
min-1	2	2	2	2	2	1
min-2	2	2	2	2	2	2
min-3	2	2	2	2	2	2
min-4	2	2	2	1	1	0
min-5	2	2	1	1	1	0
min-6	2	2	1	1	1	0
min-7	1	1	1	2	1	2
min-8	1	1	1	1	0	0
min-9	1	1	1	1	1	1
min-10	0	1	1	1	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6B</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:10 PM</u> End: <u>8:20 AM</u>						
min-1	3	3	3	2	2	3
min-2	3	3	2	3	2	3
min-3	3	2	1	1	0	2
min-4	2	2	0	1	2	2
min-5	3	3	2	2	2	2
min-6	2	2	3	3	3	3
min-7	2	1	1	1	1	0
min-8	1	2	2	2	2	3
min-9	3	3	3	2	2	2
min-10	2	2				
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-3</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:25 PM</u> End: <u>8:35 PM</u>						
min-1	3	3	3	2	2	2
min-2	2	2	3	3	3	2
min-3	2	2	2	2	2	2
min-4	3	3	3	2	2	2
min-5	2	3	3	3	3	3
min-6	1	2	2	2	2	2
min-7	2	2	2	3	2	2
min-8	2	3	2	2	2	2
min-9	1	1	2	2	2	2
min-10	2	2	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-32</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:55 PM</u> End: <u>9:05 PM</u>						
min-1	1	2	2	2	2	2
min-2	1	0	1	2	1	2
min-3	1	2	1	0	0	0
min-4	0	0	2	1	1	0
min-5	0	1	0	0	0	0
min-6	1	2	1	1	0	0
min-7	1	1	1	2	0	0
min-8	1	1	2	2	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-33</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:08 PM</u> End: <u>9:13 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 11/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>SE < 1 m/s</u>						
Start: <u>7:35 PM</u> End: <u>7:40 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-1</u>						
Wind Speed and Direction <u>S < 1 m/s</u>						
Start: <u>7:56 PM</u> End: <u>8:06 PM</u>						
min-1	2	2	2	2	2	1
min-2	1	1	0	0	1	1
min-3	2	2	2	2	1	1
min-4	2	2	2	1	1	2
min-5	2	2	1	1	1	2
min-6	1	2	2	2	1	1
min-7	1	1	2	1	1	1
min-8	2	2	1	1	2	2
min-9	1	1	2	2	1	1
min-10	2	1	1	1	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6B</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:10 PM</u> End: <u>8:20 AM</u>						
min-1	3	3	2	2	3	3
min-2	2	3	3	4	4	3
min-3	3	2	2	2	3	3
min-4	2	2	2	3	3	4
min-5	1	3	1	0	0	0
min-6	1	2	2	3	4	3
min-7	3	3	2	1	1	0
min-8	1	1	2	2	3	3
min-9	4	3	3	3	3	3
min-10	2	2	2	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-3</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:25 PM</u> End: <u>8:35 PM</u>						
min-1	2	2	2	2	1	1
min-2	2	2	2	3	3	3
min-3	2	2	2	3	3	3
min-4	3	3	2	2	2	1
min-5	1	1	2	2	2	2
min-6	2	1	1	2	2	2
min-7	3	3	3	3	3	3
min-8	2	2	3	3	2	2
min-9	1	1	0	0	1	1
min-10	3	2	2	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-32</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>8:55 PM</u> End: <u>9:05 PM</u>						
min-1	2	2	3	3	2	3
min-2	2	1	1	1	0	2
min-3	0	1	0	2	2	2
min-4	0	0	0	1	1	1
min-5	1	1	1	2	2	1
min-6	0	0	1	0	0	1
min-7	0	0	0	0	0	0
min-8	0	1	1	0	1	1
min-9	2	2	2	1	1	1
min-10	1	1	0	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-33</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:08 PM</u> End: <u>9:13 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 11/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>1-34</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:25 PM</u> End: <u>9:35 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	3	3	2	2	1
min-3	1	1	2	1	1	1
min-4	2	2	2	0	1	2
min-5	1	2	2	2	2	2
min-6	1	2	1	1	2	2
min-7	3	2	2	1	2	2
min-8	1	1	1	1	2	2
min-9	1	1	2	2	2	2
min-10	2	2	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-31</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:50 PM</u> End: <u>9:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-60</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:14 PM</u> End: <u>10:24 PM</u>						
min-1	0	0	0	1	1	1
min-2	2	0	0	1	1	0
min-3	0	0	0	0	1	1
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	1
min-6	0	0	0	0	1	1
min-7	0	0	0	0	1	1
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:36 PM</u> End: <u>10:46 PM</u>						
min-1	3	2	2	2	1	1
min-2	1	1	0	0	0	0
min-3	0	0	0	0	0	0
min-4	1	1	0	0	0	0
min-5	0	2	2	2	2	0
min-6	2	2	3	1	1	1
min-7	1	1	1	0	0	0
min-8	0	0	0	0	1	1
min-9	1	2	1	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:49 PM</u> End: <u>10:59 PM</u>						
min-1	2	2	3	2	2	2
min-2	2	2	2	2	3	3
min-3	2	2	2	2	2	4
min-4	3	3	4	3	3	3
min-5	2	2	2	2	2	2
min-6	1	1	1	1	1	1
min-7	2	2	2	1	2	2
min-8	2	2	3	3	2	1
min-9	1	1	2	2	3	3
min-10	3	3	2	2	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-17</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:10 PM</u> End: <u>11:20 PM</u>						
min-1	2	3	2	2	2	3
min-2	2	2	2	3	2	2
min-3	2	2	2	2	2	2
min-4	2	2	2	2	1	1
min-5	3	3	2	2	2	2
min-6	2	2	3	3	2	2
min-7	2	2	2	2	2	2
min-8	2	2	2	2	2	2
min-9	3	3	2	2	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- K = Citrus/Fruit
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 11/09/12

Assessment Area: Eastern Creek & Kemps Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>1-34</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:25 PM</u> End: <u>9:35 PM</u>						
min-1	2	2	2	1	1	1
min-2	2	0	0	1	1	2
min-3	2	3	3	2	2	2
min-4	2	2	1	1	1	1
min-5	1	1	0	1	0	1
min-6	0	0	2	2	2	1
min-7	0	0	0	3	3	3
min-8	3	2	1	1	1	2
min-9	2	1	3	3	4	4
min-10	3	3	3	2	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-31</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>9:50 PM</u> End: <u>9:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-60</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:14 PM</u> End: <u>10:24 PM</u>						
min-1	0	0	0	0	0	1
min-2	0	0	1	1	0	0
min-3	1	1	2	1	0	0
min-4	1	1	0	0	0	0
min-5	0	0	0	0	0	0
min-6	1	1	0	1	1	0
min-7	0	0	1	0	0	0
min-8	1	0	0	1	0	1
min-9	1	0	1	1	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-11</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:36 PM</u> End: <u>10:46 PM</u>						
min-1	0	0	0	0	0	0
min-2	1	2	2	3	2	2
min-3	1	1	2	2	2	1
min-4	1	2	2	1	1	1
min-5	2	1	2	1	3	3
min-6	2	1	2	2	2	1
min-7	2	2	3	3	3	3
min-8	2	2	1	1	1	0
min-9	0	0	1	1	0	0
min-10	0	0	1	0	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-14</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>10:49 PM</u> End: <u>10:59 PM</u>						
min-1	2	2	3	3	3	3
min-2	2	2	2	2	1	1
min-3	3	4	3	3	4	4
min-4	2	2	3	3	3	2
min-5	3	2	2	1	2	3
min-6	1	1	1	0	0	1
min-7	2	3	2	1	1	0
min-8	3	3	4	4	2	2
min-9	2	2	1	0	2	1
min-10	1	1	1	0	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-17</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:10 PM</u> End: <u>11:20 PM</u>						
min-1	2	2	3	2	3	3
min-2	2	2	1	1	0	1
min-3	1	2	2	1	2	3
min-4	3	2	2	3	2	2
min-5	1	2	2	0	0	1
min-6	2	2	1	2	1	1
min-7	1	2	2	2	1	1
min-8	0	1	2	1	2	2
min-9	2	1	2	2	2	3
min-10	1	2	2	2	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia
- K = Citrus/Fruit

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 11/09/12

Assessment Area: Eastern Creek Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-63</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:27 AM</u> End: <u>11:32 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-35</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:40 PM</u> End: <u>11:50 PM</u>						
min-1	2	1	1	1	2	1
min-2	2	2	2	2	2	2
min-3	2	1	1	1	1	1
min-4	0	0	0	2	2	2
min-5	2	2	2	2	2	2
min-6	2	2	2	3	2	2
min-7	2	1	1	1	1	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 11/09/12

Assessment Area: _____ Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>4-63</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:27 AM</u> End: <u>11:32 AM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>1-35</u>						
Wind Speed and Direction <u>SW < 1 m/s</u>						
Start: <u>11:40 PM</u> End: <u>11:50 PM</u>						
min-1	2	2	2	3	3	2
min-2	2	2	3	3	1	1
min-3	1	2	2	1	2	2
min-4	2	1	1	2	2	2
min-5	2	3	1	0	0	0
min-6	0	2	2	1	1	2
min-7	2	1	3	3	2	2
min-8	2	2	1	1	0	0
min-9	0	0	0	0	1	2
min-10	2	2	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 11/09/12

Start Time: 7:00 PM

End Time: 12:00 AM

Assessment Area: Southern Zone

Intensity \geq 1

Frequency \geq 10%

Location	8-2			6-13			7-3			7-1			7-14			6-19		
	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	30	30	100%	30	30	100%	30	30	100%	51	50	84%	30	30	100%	48	50	82%
1	0	0	0%	0	0	0%	0	0	0%	9	9	15%	0	0	0%	12	10	18%
2	0	0	0%	0	0	0%	0	0	0%	0	1	1%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	0	0	0%	0	0	0%	9	10	16%	0	0	0%	12	10	18%
Freq Exceeded?	NO			NO			NO			YES			NO			YES		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	0	1	1%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			NO			NO			NO		

Location	6-14			6-1			6-2			6-5			3-3			6-8		
	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	30	30	100%	30	30	83%	28	31	82%	30	30	100%	3	3	5%	15	24	33%
1	0	0	0%	6	6	17%	8	5	18%	0	0	0%	32	12	37%	41	28	58%
2	0	0	0%	0	0	0%	0	0	0%	0	0	0%	18	21	33%	4	8	10%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	7	24	26%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	6	6	17%	8	5	18%	0	0	0%	57	57	95%	45	36	68%
Freq Exceeded?	NO			YES			YES			NO			YES			YES		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	25	45	58%	4	8	10%
Freq Exceeded?	NO			NO			NO			NO			YES			YES		

Location	7-14			7-1			0			0			0			0		
	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	45	18	53%	28	31	49%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	14	30	37%	16	19	29%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	1	12	11%	14	9	19%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	2	1	3%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	15	42	48%	32	29	51%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	1	12	11%	16	10	22%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 11/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>8-2</u>						
Wind Speed and Direction <u>SSE <1m/s</u>						
Start: <u>7:40 PM</u> End: <u>7:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-13</u>						
Wind Speed and Direction <u>Calm</u>						
Start: <u>7:52 PM</u> End: <u>7:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:05 PM</u> End: <u>8:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:14 PM</u> End: <u>8:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	1	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	0	0	0	0
min-6	1	1	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	1	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-14</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:30 PM</u> End: <u>8:35 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-19</u>						
Wind Speed and Direction <u>Calm</u>						
Start: <u>8:47 PM</u> End: <u>8:57 PM</u>						
min-1	1	1	1	1	1	1
min-2	1	1	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	1	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 11/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>8-2</u>						
Wind Speed and Direction <u>SSE <1m/s</u>						
Start: <u>7:40 PM</u> End: <u>7:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-13</u>						
Wind Speed and Direction <u>Calm</u>						
Start: <u>7:52 PM</u> End: <u>7:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-3</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:05 PM</u> End: <u>8:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:14 PM</u> End: <u>8:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	1	0	0	0
min-5	1	1	0	1	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	1	0	0
min-8	0	1	0	0	0	1
min-9	0	0	0	1	0	2
min-10	0	0	0	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-14</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>8:30 PM</u> End: <u>8:35 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-19</u>						
Wind Speed and Direction <u>Calm</u>						
Start: <u>8:47 PM</u> End: <u>8:57 PM</u>						
min-1	0	1	1	0	0	1
min-2	1	0	0	1	0	0
min-3	0	1	1	1	0	0
min-4	1	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 11/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>6-14</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:00 PM</u> End: <u>9:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:45 PM</u> End: <u>9:52 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	1	1	1	1
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>Calm</u>						
Start: <u>10:03 PM</u> End: <u>10:09 PM</u>						
min-1	1	1	1	1	1	1
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	0	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-5</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:15 PM</u> End: <u>10:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:32 PM</u> End: <u>10:42 PM</u>						
min-1	2	2	1	1	2	2
min-2	2	2	2	1	1	1
min-3	1	1	1	1	1	1
min-4	2	1	1	3	3	1
min-5	2	3	3	2	2	2
min-6	3	2	2	3	3	2
min-7	2	1	1	1	1	1
min-8	1	1	1	1	1	1
min-9	2	1	0	1	1	0
min-10	0	1	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-8</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:50 PM</u> End: <u>11:00 PM</u>						
min-1	2	1	1	1	1	1
min-2	1	1	1	1	1	1
min-3	1	1	1	1	1	1
min-4	1	1	1	1	1	1
min-5	2	1	1	1	1	1
min-6	1	1	0	1	1	1
min-7	0	1	2	2	1	1
min-8	1	1	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- K = Citrus/Fruit
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 11/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>6-14</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:00 PM</u> End: <u>9:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>9:45 PM</u> End: <u>9:52 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	1	1	1	1	1	1
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-2</u>						
Wind Speed and Direction <u>Calm</u>						
Start: <u>10:03 PM</u> End: <u>10:09 PM</u>						
min-1	1	1	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	1	1	1	0	0	0
min-6	0	0	0	0	0	0
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-5</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:15 PM</u> End: <u>10:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-3</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:32 PM</u> End: <u>10:42 PM</u>						
min-1	2	2	2	3	3	1
min-2	1	2	2	3	3	3
min-3	3	3	1	1	2	2
min-4	2	3	3	3	3	2
min-5	2	3	3	3	3	3
min-6	3	3	3	3	2	2
min-7	3	3	3	3	2	2
min-8	2	1	1	1	2	2
min-9	1	1	0	0	1	0
min-10	1	1	2	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-8</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>10:50 PM</u> End: <u>11:00 PM</u>						
min-1	2	2	1	2	1	1
min-2	1	2	1	1	1	1
min-3	1	2	2	1	1	1
min-4	1	1	1	2	2	1
min-5	1	1	1	1	1	1
min-6	1	1	1	1	1	1
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- D = Green Waste / Herbacious
- G = Manure / Dirty
- J = Ammonia
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- E = Organic Growth Medium / Dry Compost
- H = Deodoriser Spray
- K = Citrus/Fruit
- C = Landfill Gas / Mercaptan / Sulphurous
- F = Sceptic / Stale Water / Stagnant Water
- I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 11/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>7-14</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:20 PM</u> End: <u>11:30 PM</u>						
min-1	2	1	1	1	1	1
min-2	1	1	1	1	0	0
min-3	1	0	0	0	0	0
min-4	0	0	1	1	0	0
min-5	0	0	0	0	0	0
min-6	1	0	0	0	1	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:38 PM</u> End: <u>11:48 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	3	2	2	2	3
min-3	2	1	1	1	1	1
min-4	1	2	2	1	1	1
min-5	1	1	0	0	0	2
min-6	0	0	0	0	0	0
min-7	1	0	0	0	0	1
min-8	1	0	0	0	0	0
min-9	1	1	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbaceous

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 11/09/12

Assessment Area: Southern Zone Start Time: 7:00 PM End Time: 12:00 AM

Measurement Point: <u>7-14</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:20 PM</u> End: <u>11:30 PM</u>						
min-1	1	1	1	1	1	1
min-2	2	1	1	1	1	1
min-3	1	2	2	1	1	1
min-4	1	2	2	2	2	1
min-5	1	1	1	2	2	1
min-6	1	2	2	2	0	0
min-7	0	0	1	1	1	1
min-8	1	0	0	0	0	1
min-9	0	0	0	0	0	0
min-10	1	0	0	0	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>CALM</u>						
Start: <u>11:38 PM</u> End: <u>11:48 PM</u>						
min-1	1	2	2	2	1	1
min-2	1	1	1	2	2	2
min-3	2	3	2	2	1	1
min-4	1	1	1	1	0	0
min-5	1	1	0	0	0	1
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	1	1	0	1
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure



FAOA RESULT LOGSHEET-

12 SEPTEMBER 2012

AFTERNOON

FAOA - Session Summary (Odour Intensity)



Date: 12/09/12 Start Time: 1:30 PM End Time: 6:30 PM

Assessment Area: Southern Zone Intensity ≥ 1 Frequency ≥ 10%

Location	4-23			4-22			4-18			4-2			4-4			4-5					
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%			
0	30	30	100%	30	30	100%	30	30	100%	30	30	100%	23	23	77%	11	12	19%			
1	0	0	0%	0	0	0%	0	0	0%	0	0	0%	7	7	23%	19	20	33%			
2	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	20	15	29%			
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	9	11	17%			
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	1	2	3%			
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%			
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%			
≥ 1's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	7	7	23%	49	48	81%			
Freq Exceeded?	NO			NO			NO			NO			YES			YES					
≥ 2's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	30	28	48%
Freq Exceeded?	NO			NO			NO			NO			NO			YES					

Location	4-12			4-6			4-7			4-8			4-40			4-37		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	0	0	0%	21	10	26%	13	12	21%	38	29	56%	30	30	100%	30	30	100%
1	5	3	7%	17	9	22%	7	13	17%	10	23	28%	0	0	0%	0	0	0%
2	29	14	36%	21	20	34%	29	17	38%	6	8	12%	0	0	0%	0	0	0%
3	20	35	46%	1	19	17%	11	16	23%	6	0	5%	0	0	0%	0	0	0%
4	6	8	12%	0	2	2%	0	2	2%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	60	60	100%	39	50	74%	47	48	79%	22	31	44%	0	0	0%	0	0	0%
Freq Exceeded?	YES			YES			YES			YES			NO			NO		
≥ 2's	55	57	93%	22	41	53%	40	35	63%	12	8	17%	0	0	0%	0	0	0%
Freq Exceeded?	YES			YES			YES			YES			NO			NO		

Location	4-36			4-62			4-58			7-1			7-30			7-32		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	30	30	100%	30	30	100%	13	3	13%	8	19	23%	30	30	100%	30	30	100%
1	0	0	0%	0	0	0%	19	32	43%	36	26	52%	0	0	0%	0	0	0%
2	0	0	0%	0	0	0%	28	24	43%	14	15	24%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	1	1%	2	0	2%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	0	0	0%	0	0	0%	47	57	87%	52	41	78%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			YES			NO			NO		
≥ 2's	0	0	0%	0	0	0%	28	25	44%	16	15	26%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			YES			YES			NO			NO		

FAOA - Session Summary (Odour Intensity)



Date: 12/09/12

Start Time: 1:30 PM

End Time: 6:30 PM

Assessment Area: Southern Zone

Intensity \geq 1 Frequency \geq 10%

Location	7-31			6-25			6-22			0			0			0		
Intensity	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%	P-3	P-6	%
0	30	18	80%	30	30	100%	5	20	21%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	0	9	15%	0	0	0%	27	22	41%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	0	3	5%	0	0	0%	25	11	30%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	0%	3	7	8%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	0	12	20%	0	0	0%	55	40	79%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			NO			YES			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	0	3	5%	0	0	0%	28	18	38%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			YES			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-23</u>						
Wind Speed and Direction <u>N/E <1 m/s</u>						
Start: <u>1:50 PM</u> End: <u>1:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-22</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>1:58 PM</u> End: <u>2:03 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-18</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>2:07 PM</u> End: <u>2:12 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-2</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>2:15 PM</u> End: <u>2:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-4</u>						
Wind Speed and Direction <u>NNE 1.5 m/s</u>						
Start: <u>2:22 PM</u> End: <u>2:27 PM</u>						
min-1	0	0	0	0	1	1
min-2	0	0	0	1	1	1
min-3	1	0	0	0	1	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-5</u>						
Wind Speed and Direction <u>NE 1.5 m/s</u>						
Start: <u>2:30 PM</u> End: <u>2:40 PM</u>						
min-1	2	2	3	3	2	1
min-2	1	1	1	0	1	1
min-3	2	2	1	2	2	2
min-4	2	3	2	2	1	1
min-5	2	1	1	1	0	1
min-6	0	0	0	0	0	0
min-7	2	2	3	3	3	2
min-8	1	1	1	2	2	3
min-9	2	1	1	0	0	0
min-10	3	2	2	1	3	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-23</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>1:50 PM</u> End: <u>1:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-22</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>1:58 PM</u> End: <u>2:03 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-18</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>2:07 PM</u> End: <u>2:12 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-2</u>						
Wind Speed and Direction <u>NNE 1.5 m/s</u>						
Start: <u>2:15 PM</u> End: <u>2:20 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-4</u>						
Wind Speed and Direction <u>NNE 1.5 m/s</u>						
Start: <u>2:22 PM</u> End: <u>2:27 PM</u>						
min-1	1	1	0	0	1	1
min-2	0	0	0	1	1	1
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-5</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>2:30 PM</u> End: <u>2:40 PM</u>						
min-1	2	2	2	2	3	3
min-2	3	1	1	1	1	0
min-3	2	2	2	1	1	2
min-4	3	2	2	3	1	1
min-5	1	0	1	1	1	0
min-6	0	0	0	0	0	1
min-7	2	3	3	3	2	2
min-8	1	1	1	2	3	2
min-9	1	1	1	1	0	0
min-10	0	0	3	3	4	4
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-12</u>						
Wind Speed and Direction <u>N 2 m/s</u>						
Start: <u>2:47 PM</u> End: <u>2:57 PM</u>						
min-1	3	3	3	2	2	2
min-2	3	3	3	3	3	2
min-3	2	2	2	2	2	3
min-4	3	4	2	2	2	2
min-5	2	2	3	3	2	2
min-6	4	3	2	2	2	2
min-7	4	3	3	4	3	4
min-8	2	2	2	2	3	2
min-9	2	2	3	3	3	4
min-10	1	2	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N 3 m/s</u>						
Start: <u>3:06 PM</u> End: <u>3:16 PM</u>						
min-1	0	0	0	2	2	1
min-2	2	2	2	1	0	0
min-3	0	0	0	0	0	1
min-4	0	1	1	2	2	0
min-5	0	0	1	0	1	0
min-6	1	2	2	2	2	2
min-7	2	2	1	2	3	1
min-8	1	1	0	1	1	1
min-9	2	2	2	0	0	0
min-10	0	1	1	2	2	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N 2 m/s</u>						
Start: <u>3:21 PM</u> End: <u>3:31 PM</u>						
min-1	0	0	0	0	0	0
min-2	2	2	2	2	1	0
min-3	0	0	0	2	1	1
min-4	2	2	2	2	2	1
min-5	0	0	0	1	2	3
min-6	3	3	3	2	2	2
min-7	2	2	2	3	3	3
min-8	2	2	2	2	2	2
min-9	2	2	2	3	3	3
min-10	1	1	2	2	2	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>W < 1 m/s</u>						
Start: <u>3:40 PM</u> End: <u>3:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	1	1	1	1
min-4	1	2	2	1	1	1
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	1	1	3	3
min-9	0	0	0	0	2	2
min-10	3	2	2	3	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>3:55 PM</u> End: <u>4:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>4:04 PM</u> End: <u>4:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-12</u>						
Wind Speed and Direction <u>N 2 m/s</u>						
Start: <u>2:47 PM</u> End: <u>2:57 PM</u>						
min-1	3	3	3	3	3	3
min-2	2	2	3	3	3	3
min-3	2	2	3	3	2	2
min-4	2	3	3	4	4	3
min-5	2	2	3	3	3	3
min-6	4	4	4	3	3	3
min-7	3	3	3	3	4	4
min-8	4	3	2	2	2	2
min-9	3	3	3	3	3	3
min-10	1	1	1	3	3	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-6</u>						
Wind Speed and Direction <u>N 3 m/s</u>						
Start: <u>3:06 PM</u> End: <u>3:16 PM</u>						
min-1	2	2	3	3	3	3
min-2	3	3	3	2	2	2
min-3	3	3	3	3	2	3
min-4	2	1	1	0	0	0
min-5	0	0	1	2	3	2
min-6	2	1	1	2	1	0
min-7	0	1	1	0	2	2
min-8	2	3	3	2	2	1
min-9	4	4	3	3	2	2
min-10	3	3	2	2	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-7</u>						
Wind Speed and Direction <u>N 2 m/s</u>						
Start: <u>3:21 PM</u> End: <u>3:31 PM</u>						
min-1	2	3	3	2	3	0
min-2	0	0	0	0	1	1
min-3	1	2	2	2	3	3
min-4	2	3	3	2	3	3
min-5	3	2	3	3	2	2
min-6	2	3	3	3	2	2
min-7	1	1	1	0	0	2
min-8	3	4	4	2	1	0
min-9	1	1	0	0	0	1
min-10	1	1	2	2	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-8</u>						
Wind Speed and Direction <u>W < 1 m/s</u>						
Start: <u>3:40 PM</u> End: <u>3:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	1	1
min-3	1	1	1	1	2	2
min-4	1	0	0	0	0	0
min-5	0	0	1	1	1	0
min-6	1	1	0	0	0	0
min-7	2	2	2	2	1	1
min-8	1	1	2	2	1	1
min-9	0	0	1	1	0	0
min-10	1	1	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-40</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>3:55 PM</u> End: <u>4:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-37</u>						
Wind Speed and Direction <u>N 1.5 m/s</u>						
Start: <u>4:04 PM</u> End: <u>4:09 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>4:10 PM</u> End: <u>4:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-62</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>4:19 PM</u> End: <u>4:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>N</u>						
Start: <u>4:32 PM</u> End: <u>4:42 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	2	2	2	2	2
min-3	2	2	2	1	1	1
min-4	2	2	2	2	1	2
min-5	0	0	0	0	0	0
min-6	1	1	2	2	1	0
min-7	0	0	0	0	0	0
min-8	1	1	2	2	2	1
min-9	1	1	1	2	2	2
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>NE 2 m/s</u>						
Start: <u>5:09 PM</u> End: <u>5:19 PM</u>						
min-1	1	2	1	1	0	0
min-2	0	0	0	1	1	2
min-3	1	1	1	2	2	2
min-4	2	2	1	1	1	1
min-5	1	1	1	1	1	1
min-6	0	1	1	1	0	0
min-7	1	1	1	1	1	1
min-8	1	1	1	2	2	1
min-9	1	1	1	2	2	2
min-10	3	3	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-30</u>						
Wind Speed and Direction <u>NE 1.5 m/s</u>						
Start: <u>5:25 PM</u> End: <u>5:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-32</u>						
Wind Speed and Direction <u>NE 1.5 m/s</u>						
Start: <u>5:33 PM</u> End: <u>5:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-36</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>4:10 PM</u> End: <u>4:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-62</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>4:19 PM</u> End: <u>4:24 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>4:32 PM</u> End: <u>4:42 PM</u>						
min-1	1	1	1	2	2	2
min-2	2	2	3	2	1	1
min-3	2	1	1	1	1	1
min-4	2	2	2	2	1	1
min-5	1	1	0	0	0	2
min-6	2	2	2	1	1	1
min-7	2	2	2	2	2	2
min-8	1	1	1	2	2	2
min-9	1	1	1	1	1	1
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-1</u>						
Wind Speed and Direction <u>NE <1 m/s</u>						
Start: <u>5:09 PM</u> End: <u>5:19 PM</u>						
min-1	1	1	1	1	2	2
min-2	1	1	2	2	2	1
min-3	1	0	0	1	1	0
min-4	2	2	1	0	0	0
min-5	0	0	1	1	1	1
min-6	2	2	2	2	2	2
min-7	1	1	1	0	1	1
min-8	0	0	0	0	1	1
min-9	1	2	2	1	0	0
min-10	0	0	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-30</u>						
Wind Speed and Direction <u>NE 1.5 m/s</u>						
Start: <u>5:25 PM</u> End: <u>5:30 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-32</u>						
Wind Speed and Direction <u>NE 1.5 m/s</u>						
Start: <u>5:33 PM</u> End: <u>5:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Clayton Hough Member ID: P-3 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>7-31</u>						
Wind Speed and Direction <u>E 1.5 m/s</u>						
Start: <u>5:44 PM</u> End: <u>5:49 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>E 2 m/s</u>						
Start: <u>5:52 PM</u> End: <u>5:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-22</u>						
Wind Speed and Direction <u>E 2 m/s</u>						
Start: <u>6:05 PM</u> End: <u>6:15 PM</u>						
min-1	2	2	2	1	1	1
min-2	2	2	2	2	1	1
min-3	1	1	3	3	3	2
min-4	2	2	2	1	1	1
min-5	2	1	1	1	2	2
min-6	1	1	1	1	1	1
min-7	1	2	1	2	2	1
min-8	2	1	2	2	2	2
min-9	2	2	2	1	1	1
min-10	1	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Alex Schulz Member ID: P-6 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>7-31</u>						
Wind Speed and Direction <u>E 1.5 m/s</u>						
Start: <u>5:44 PM</u> End: <u>5:49 PM</u>						
min-1	1	2	1	1	2	1
min-2	2	1	1	1	1	1
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>E 2 m/s</u>						
Start: <u>5:52 PM</u> End: <u>5:57 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-22</u>						
Wind Speed and Direction <u>E 2 m/s</u>						
Start: <u>6:05 PM</u> End: <u>6:15 PM</u>						
min-1	2	3	3	2	3	3
min-2	2	2	2	3	3	3
min-3	0	0	1	1	2	2
min-4	0	0	0	1	0	1
min-5	0	0	1	1	0	0
min-6	1	1	2	2	1	1
min-7	2	2	1	1	1	0
min-8	0	0	0	1	1	0
min-9	1	1	0	0	1	0
min-10	1	1	1	1	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 12/09/12 Start Time: 1:30 PM End Time: 6:30 PM

Assessment Area: Eastern Creek & Kemps Creek Intensity \geq 1 Frequency \geq 10%

Location	4-66			4-55			4-58			4-44			3-31			3-37		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	60	60	100%	60	60	100%	60	60	100%	54	60	100%	15	26	34%
1	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	18	28	38%
2	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	15	4	16%
3	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	12	2	12%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	45	34	66%
Freq Exceeded?	NO			NO			NO			NO			NO			YES		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	27	6	28%
Freq Exceeded?	NO			NO			NO			NO			NO			YES		

Location	3-22			7-27			7-36			6-27			6-28			7-34		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	60	60	100%	52	54	88%	60	60	100%	0	30	25%	60	60	100%	60	60	100%
1	0	0	0%	8	6	12%	0	0	0%	4	24	23%	0	0	0%	0	0	0%
2	0	0	0%	0	0	0%	0	0	0%	26	6	27%	0	0	0%	0	0	0%
3	0	0	0%	0	0	0%	0	0	0%	23	0	19%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	7	0	6%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1 's	0	0	0%	8	6	12%	0	0	0%	60	30	75%	0	0	0%	0	0	0%
Freq Exceeded?	NO			YES			NO			YES			NO			NO		
≥ 2 's	0	0	0%	0	0	0%	0	0	0%	56	6	52%	0	0	0%	0	0	0%
Freq Exceeded?	NO			NO			NO			YES			NO			NO		

Location	4-66			0			0			0			0			0		
Intensity	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%	P-1	P-2	%
0	7	44	43%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
1	40	14	45%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
2	9	1	8%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
3	4	1	4%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1 's	53	16	58%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		
≥ 2 's	13	2	13%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	YES			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-66</u>						
Wind Speed and Direction <u>NE 1-2 M/S</u>						
Start: <u>2:00 PM</u> End: <u>2:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-55</u>						
Wind Speed and Direction <u>N/NE 1 - 3 m/s</u>						
Start: <u>2:13 PM</u> End: <u>2:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>E/NE 1 - 2 m/s</u>						
Start: <u>2:26 PM</u> End: <u>2:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>2:40 PM</u> End: <u>2:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-37</u>						
Wind Speed and Direction <u>N 2-4 m/s</u>						
Start: <u>3:20 PM</u> End: <u>3:30 PM</u>						
min-1	2	1	1	1	0	0
min-2	0	0	1	1	0	1
min-3	2	2	1	1	3	3
min-4	3	3	2	2	3	1
min-5	3	2	2	2	0	0
min-6	0	0	3	1	0	0
min-7	0	0	3	2	2	2
min-8	3	3	2	2	0	3
min-9	0	2	1	1	1	2
min-10	1	3	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-66</u>						
Wind Speed and Direction <u>NE 1-2 M/S</u>						
Start: <u>2:00 PM</u> End: <u>2:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-55</u>						
Wind Speed and Direction <u>N/NE 1 - 3 m/s</u>						
Start: <u>2:13 PM</u> End: <u>2:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>E/NE 1 - 2 m/s</u>						
Start: <u>2:26 PM</u> End: <u>2:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-44</u>						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>2:40 PM</u> End: <u>2:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-31</u>						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>3-37</u>						
Wind Speed and Direction <u>N 2-4 m/s</u>						
Start: <u>3:20 PM</u> End: <u>3:30 PM</u>						
min-1	3	2	1	0	0	0
min-2	1	1	1	0	1	1
min-3	0	1	1	1	0	0
min-4	0	3	1	1	1	1
min-5	2	1	1	1	1	1
min-6	0	0	1	0	0	0
min-7	0	0	0	2	0	0
min-8	1	1	1	0	0	0
min-9	0	0	1	2	1	1
min-10	1	1	0	0	0	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

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D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>3-22</u>						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>3:44 PM</u> End: <u>3:54 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-27</u>						
Wind Speed and Direction <u>NE 1-21 m/s</u>						
Start: <u>4:15 PM</u> End: <u>4:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	1	1	1	1
min-8	0	0	0	0	0	0
min-9	0	1	1	0	0	0
min-10	0	0	0	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-36</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>4:40 PM</u> End: <u>4:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-27</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>5:12 PM</u> End: <u>5:22 PM</u>						
min-1	3	3	3	4	3	4
min-2	3	2	3	2	2	2
min-3	3	4	4	4	3	4
min-4	4	3	3	3	3	2
min-5	2	2	3	2	2	2
min-6	2	3	2	2	2	1
min-7	3	2	3	3	2	3
min-8	2	2	2	1	2	3
min-9	3	2	2	1	1	2
min-10	3	2	2	2	3	3
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-28</u>						
Wind Speed and Direction <u>E/SE < 1 m/s</u>						
Start: <u>5:28 PM</u> End: <u>5:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-34</u>						
Wind Speed and Direction <u>E/NE 1 - 2 m/s</u>						
Start: <u>5:50 PM</u> End: <u>6:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>3-22</u>						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>3:44 PM</u> End: <u>3:54 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-27</u>						
Wind Speed and Direction <u>NE 1-21 m/s</u>						
Start: <u>4:15 PM</u> End: <u>4:25 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	1	1	1	0	1
min-8	0	0	0	0	0	0
min-9	0	1	1	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-36</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>4:40 PM</u> End: <u>4:50 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-27</u>						
Wind Speed and Direction <u>N/NW < 1 m/s</u>						
Start: <u>5:12 PM</u> End: <u>5:22 PM</u>						
min-1	2	1	1	1	1	1
min-2	0	1	1	0	0	0
min-3	0	0	0	1	0	0
min-4	0	0	0	1	1	1
min-5	0	0	1	1	1	0
min-6	0	0	2	2	2	2
min-7	1	1	2	1	1	0
min-8	1	1	1	0	0	0
min-9	1	1	0	0	1	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-28</u>						
Wind Speed and Direction <u>E/SE < 1 m/s</u>						
Start: <u>5:28 PM</u> End: <u>5:38 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-34</u>						
Wind Speed and Direction <u>E/NE 1 - 2 m/s</u>						
Start: <u>5:50 PM</u> End: <u>6:00 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Jianmin Xiao Member ID: P-1 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-66</u>						
Wind Speed and Direction <u>E <1 m/s</u>						
Start: <u>6:15 PM</u> End: <u>6:25 PM</u>						
min-1	3	3	2	2	1	1
min-2	3	3	1	1	2	2
min-3	1	1	1	1	1	1
min-4	0	0	0	2	1	0
min-5	1	1	1	2	1	0
min-6	1	1	1	1	1	0
min-7	1	1	1	1	1	2
min-8	2	2	1	1	1	1
min-9	1	1	1	1	1	0
min-10	1	1	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NE 1 - 3 m/s</u>						
Start: <u>2:13 PM</u> End: <u>2:23 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>E/NE 1 - 2 m/s</u>						
Start: <u>2:26 PM</u> End: <u>2:36 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>2:40 PM</u> End: <u>2:50 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Michael Assal Member ID: P-2 Date: 12/09/12

Assessment Area: Eastern Creek Start Time: 1:30 PM End Time: 6:30 PM

Measurement Point: <u>4-66</u>						
Wind Speed and Direction <u>E <1 m/s</u>						
Start: <u>6:15 PM</u> End: <u>6:25 PM</u>						
min-1	3	2	1	1	0	0
min-2	0	0	0	0	0	0
min-3	0	0	1	1	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	1	1	0	0	0
min-7	1	1	0	0	0	0
min-8	0	0	1	1	0	0
min-9	0	0	0	0	0	0
min-10	0	0	1	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NE 1 - 3 m/s</u>						
Start: <u>2:13 PM</u> End: <u>2:23 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>E/NE 1 - 2 m/s</u>						
Start: <u>2:26 PM</u> End: <u>2:36 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NE 1-2 m/s</u>						
Start: <u>2:40 PM</u> End: <u>2:50 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Session Summary (Odour Intensity)



Date: 12/09/12 Start Time: 1:00 PM End Time: 6:30 PM

Assessment Area: Southern Zone Intensity ≥ 1 Frequency ≥ 10%

Location	6-24			7-30			7-31			7-32			6-25			7-5		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	50	51	84%	27	34	51%	59	58	98%	30	30	100%	30	30	100%	30	30	100%
1	8	7	13%	11	8	16%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
2	2	2	3%	16	11	23%	1	2	3%	0	0	0%	0	0	0%	0	0	0%
3	0	0	0%	6	7	11%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	10	9	16%	33	26	49%	1	2	3%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	YES			YES			NO			NO			NO			NO		
≥ 2's	2	2	3%	22	18	33%	1	2	3%	0	0	0%	0	0	0%	0	0	0%
Freq Exceeded?	NO			YES			NO			NO			NO			NO		

Location	7-7			7-33			7-23			7-29			4-30			4-39		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	32	30	52%	30	30	100%	30	30	100%	30	30	100%	1	6	6%	30	30	100%
1	12	12	20%	0	0	0%	0	0	0%	0	0	0%	8	8	13%	0	0	0%
2	14	10	20%	0	0	0%	0	0	0%	0	0	0%	28	6	28%	0	0	0%
3	2	8	8%	0	0	0%	0	0	0%	0	0	0%	18	32	42%	0	0	0%
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	5	8	11%	0	0	0%
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
≥ 1's	28	30	48%	0	0	0%	0	0	0%	0	0	0%	59	54	94%	0	0	0%
Freq Exceeded?	YES			NO			NO			NO			YES			NO		
≥ 2's	16	18	28%	0	0	0%	0	0	0%	0	0	0%	51	46	81%	0	0	0%
Freq Exceeded?	YES			NO			NO			NO			YES			NO		

Location	4-43			4-58			4-59			4-35			0			0		
Intensity	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%	P-4	P-5	%
0	30	30	100%	30	30	100%	18	19	31%	30	30	100%	0	0	#DIV/0!	0	0	#DIV/0!
1	0	0	0%	0	0	0%	29	25	45%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
2	0	0	0%	0	0	0%	8	13	18%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
3	0	0	0%	0	0	0%	5	3	7%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
4	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
5	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
6	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
≥ 1's	0	0	0%	0	0	0%	42	41	69%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			YES			NO			#DIV/0!			#DIV/0!		
≥ 2's	0	0	0%	0	0	0%	13	16	24%	0	0	0%	0	0	#DIV/0!	0	0	#DIV/0!
Freq Exceeded?	NO			NO			YES			NO			#DIV/0!			#DIV/0!		

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 12/09/12

Assessment Area: Southern Zone Start Time: 1:00 PM End Time: 6:30 PM

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>W/NW 2-3 M/S</u>						
Start: <u>2:05 PM</u> End: <u>2:15 PM</u>						
min-1	2	2	1	1	1	1
min-2	0	0	0	0	0	0
min-3	0	0	1	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	1	0	0	1
min-6	0	0	0	0	0	0
min-7	1	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-30</u>						
Wind Speed and Direction <u>NE 1 - 2 m/s</u>						
Start: <u>2:22 PM</u> End: <u>2:32 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	3	2
min-3	3	3	1	2	1	1
min-4	1	1	0	0	0	0
min-5	0	0	0	0	0	0
min-6	0	0	0	0	2	3
min-7	3	2	2	1	1	2
min-8	3	2	2	2	2	2
min-9	1	1	0	0	0	0
min-10	2	2	2	2	2	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-31</u>						
Wind Speed and Direction <u>E/NE <1 m/s</u>						
Start: <u>2:26 PM</u> End: <u>2:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	2	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-32</u>						
Wind Speed and Direction <u>NE <1 m/s</u>						
Start: <u>2:50 PM</u> End: <u>2:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>NW - NE 2.5 m/s</u>						
Start: <u>2:58 PM</u> End: <u>3:03 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-5</u>						
Wind Speed and Direction <u>NNE 1.3 m/s</u>						
Start: <u>3:10 PM</u> End: <u>3:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 12/09/12

Assessment Area: Southern Zone Start Time: 1:00 PM End Time: 6:30 PM

Measurement Point: <u>6-24</u>						
Wind Speed and Direction <u>W/NW 2-3 M/S</u>						
Start: <u>2:05 PM</u> End: <u>2:15 PM</u>						
min-1	2	1	0	0	0	0
min-2	0	0	0	1	0	1
min-3	2	0	0	0	0	0
min-4	0	0	0	0	1	0
min-5	0	0	0	1	0	1
min-6	0	0	0	0	0	0
min-7	1	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-30</u>						
Wind Speed and Direction <u>NE 1 - 2 m/s</u>						
Start: <u>2:22 PM</u> End: <u>2:32 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	1	2	2
min-3	1	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	1	3
min-6	3	3	3	1	2	2
min-7	2	2	3	1	2	1
min-8	0	0	0	0	0	0
min-9	0	2	3	3	2	0
min-10	1	2	2	0	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-31</u>						
Wind Speed and Direction <u>E/NE <1 m/s</u>						
Start: <u>2:26 PM</u> End: <u>2:36 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	2
min-6	2	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	0	0	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-32</u>						
Wind Speed and Direction <u>ENE 2.5 m/s</u>						
Start: <u>2:50 PM</u> End: <u>2:55 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>6-25</u>						
Wind Speed and Direction <u>NW 3.0 m/s</u>						
Start: <u>3:00 PM</u> End: <u>3:05 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-5</u>						
Wind Speed and Direction <u>NNE 1.3 m/s</u>						
Start: <u>3:12 PM</u> End: <u>3:17 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 12/09/12

Assessment Area: Southern Zone Start Time: 1:00 PM End Time: 6:30 PM

Measurement Point: <u>7-7</u>						
Wind Speed and Direction <u>N/NE 1.6 m/s</u>						
Start: <u>3:23 PM</u> End: <u>3:33 PM</u>						
min-1	2	2	3	3	2	2
min-2	2	1	2	2	2	2
min-3	2	2	1	1	1	1
min-4	1	2	2	1	2	1
min-5	1	1	0	0	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-33</u>						
Wind Speed and Direction <u>NNE-NNw 1.1 m/s</u>						
Start: <u>3:37 PM</u> End: <u>3:42 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-23</u>						
Wind Speed and Direction <u>NW-NNE 1.3 m/s</u>						
Start: <u>4:05 PM</u> End: <u>4:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-29</u>						
Wind Speed and Direction <u>< 1 m/s</u>						
Start: <u>4:18 PM</u> End: <u>4:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-30</u>						
Wind Speed and Direction <u>N - NE 1 m/s</u>						
Start: <u>5:02 PM</u> End: <u>5:12 PM</u>						
min-1	1	2	2	2	2	2
min-2	2	2	2	2	2	2
min-3	2	2	2	2	2	2
min-4	3	3	3	3	3	3
min-5	2	3	3	4	3	4
min-6	4	4	3	3	3	4
min-7	3	3	3	3	3	3
min-8	2	1	1	1	1	0
min-9	1	2	2	2	2	2
min-10	2	2	2	1	1	2
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-39</u>						
Wind Speed and Direction <u>N < 1 m/s</u>						
Start: <u>5:16 PM</u> End: <u>5:21 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 12/09/12

Assessment Area: Southern Zone Start Time: 1:00 PM End Time: 6:30 PM

Measurement Point: <u>7-7</u>						
Wind Speed and Direction <u>N/NE 1.6 m/s</u>						
Start: <u>3:23 PM</u> End: <u>3:33 PM</u>						
min-1	3	3	3	3	3	2
min-2	3	3	3	2	2	2
min-3	2	2	2	2	1	1
min-4	1	1	1	2	2	1
min-5	1	1	1	1	0	0
min-6	0	0	0	0	0	0
min-7	0	0	0	0	0	0
min-8	0	0	0	0	0	0
min-9	0	0	0	0	0	0
min-10	0	0	0	1	1	0
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-33</u>						
Wind Speed and Direction <u>NNE-NNW <1 m/s</u>						
Start: <u>3:37 PM</u> End: <u>3:42 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-23</u>						
Wind Speed and Direction <u>NNW-NNE <1 m/s</u>						
Start: <u>4:05 PM</u> End: <u>4:10 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>7-29</u>						
Wind Speed and Direction <u>WNW < 1 m/s</u>						
Start: <u>4:18 PM</u> End: <u>4:23 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-30</u>						
Wind Speed and Direction <u>N 1 m/s</u>						
Start: <u>5:02 PM</u> End: <u>5:12 PM</u>						
min-1	2	3	3	3	3	3
min-2	3	3	3	3	3	3
min-3	3	3	3	3	3	3
min-4	3	3	3	3	3	3
min-5	3	3	3	4	4	4
min-6	4	4	3	3	3	4
min-7	4	4	3	3	2	2
min-8	2	3	0	0	0	1
min-9	1	0	0	1	0	1
min-10	1	1	2	2	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-39</u>						
Wind Speed and Direction <u>N <1 m/s</u>						
Start: <u>5:16 PM</u> End: <u>5:21 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Note: Grey fill indicates assumed values.

Key Odour Descriptors:

- A = Biofilter / Earthy
- B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit
- C = Landfill Gas / Mercaptan / Sulphurous
- D = Green Waste / Herbacious
- E = Organic Growth Medium / Dry Compost
- F = Sceptic / Stale Water / Stagnant Water
- G = Manure / Dirty
- H = Deodoriser Spray
- I = Chicken Manure
- J = Ammonia

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Stephen Munro Member ID: P-4 Date: 12/09/12

Assessment Area: Southern Zone Start Time: 1:00 PM End Time: 6:30 PM

Measurement Point: <u>4-43</u>						
Wind Speed and Direction <u>NE 1.6 m/s</u>						
Start: <u>5:26 PM</u> End: <u>5:31 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>SE <1 m/s</u>						
Start: <u>5:40 PM</u> End: <u>4:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-59</u>						
Wind Speed and Direction <u>E <1 m/s</u>						
Start: <u>5:50 PM</u> End: <u>6:00 PM</u>						
min-1	2	3	2	1	1	1
min-2	1	1	1	1	0	2
min-3	2	0	0	1	0	0
min-4	0	0	0	0	1	0
min-5	1	1	1	0	0	1
min-6	1	1	1	1	1	0
min-7	0	0	1	1	0	0
min-8	0	1	1	1	2	1
min-9	1	1	3	3	3	2
min-10	3	2	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-35</u>						
Wind Speed and Direction <u><1 m/s</u>						
Start: <u>6:10 PM</u> End: <u>6:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

C = Landfill Gas / Mercaptan / Sulphurous

D = Green Waste / Herbacious

E = Organic Growth Medium / Dry Compost

F = Sceptic / Stale Water / Stagnant Water

G = Manure / Dirty

H = Deodoriser Spray

I = Chicken Manure

FAOA - Field Data Record Sheet (Odour Intensity & Quality)



Name: Wayne Westwood Member ID: P-5 Date: 12/09/12

Assessment Area: Southern Zone Start Time: 1:00 PM End Time: 6:30 PM

Measurement Point: <u>4-43</u>						
Wind Speed and Direction <u>NE 1.6 m/s</u>						
Start: <u>5:26 PM</u> End: <u>5:31 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-58</u>						
Wind Speed and Direction <u>SE <1 m/s</u>						
Start: <u>5:40 PM</u> End: <u>4:45 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-59</u>						
Wind Speed and Direction <u>E <1 m/s</u>						
Start: <u>5:50 PM</u> End: <u>6:00 PM</u>						
min-1	2	2	2	2	2	2
min-2	2	1	1	1	1	1
min-3	0	1	0	1	1	0
min-4	0	0	0	0	0	1
min-5	1	1	1	1	0	0
min-6	0	0	1	0	0	1
min-7	1	2	1	1	1	0
min-8	0	0	0	0	2	1
min-9	1	1	2	2	2	3
min-10	3	3	2	1	1	1
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: <u>4-35</u>						
Wind Speed and Direction <u>ESE 1.3 m/s</u>						
Start: <u>6:10 PM</u> End: <u>6:15 PM</u>						
min-1	0	0	0	0	0	0
min-2	0	0	0	0	0	0
min-3	0	0	0	0	0	0
min-4	0	0	0	0	0	0
min-5	0	0	0	0	0	0
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction <u>N/NW 1-2 m/s</u>						
Start: <u>3:05 PM</u> End: <u>3:15 PM</u>						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Measurement Point: _____						
Wind Speed and Direction _____						
Start: _____ End: _____						
min-1						
min-2						
min-3						
min-4						
min-5						
min-6						
min-7						
min-8						
min-9						
min-10						
Descriptor(s):	A	B	C	D	E	
	F	G	H	I	J	

Key Odour Descriptors:

A = Biofilter / Earthy

B = Municipal Solid Waste (MSW) / Garbage / Butyric Acid / Vomit

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H = Deodoriser Spray

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