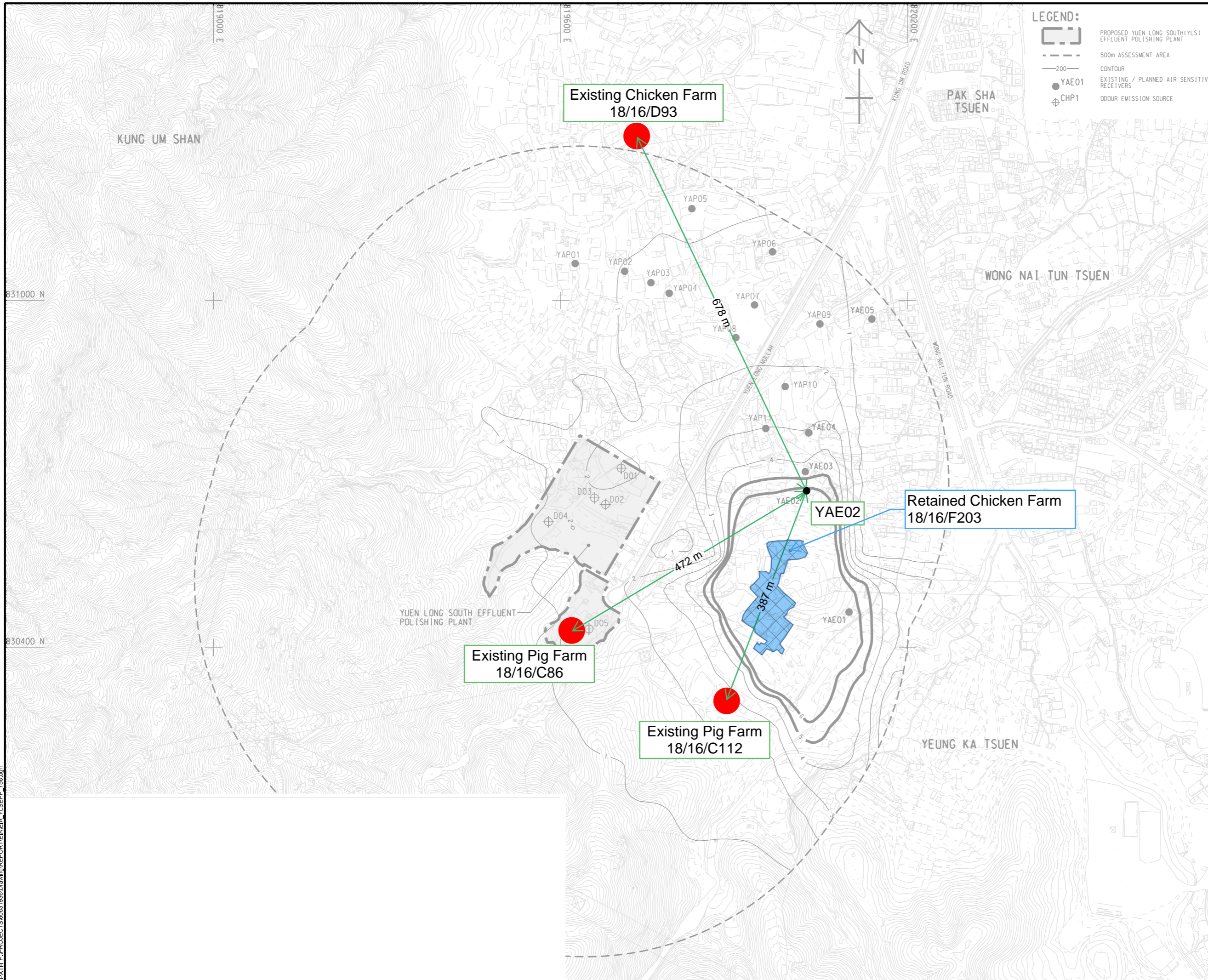


IR	DATE	DESCRIPTION	CHK.

Appendix 3.10  
 Frequency and Magnitude  
 of Odour Exceedance for  
 ASRs within Exceedance  
 Zone

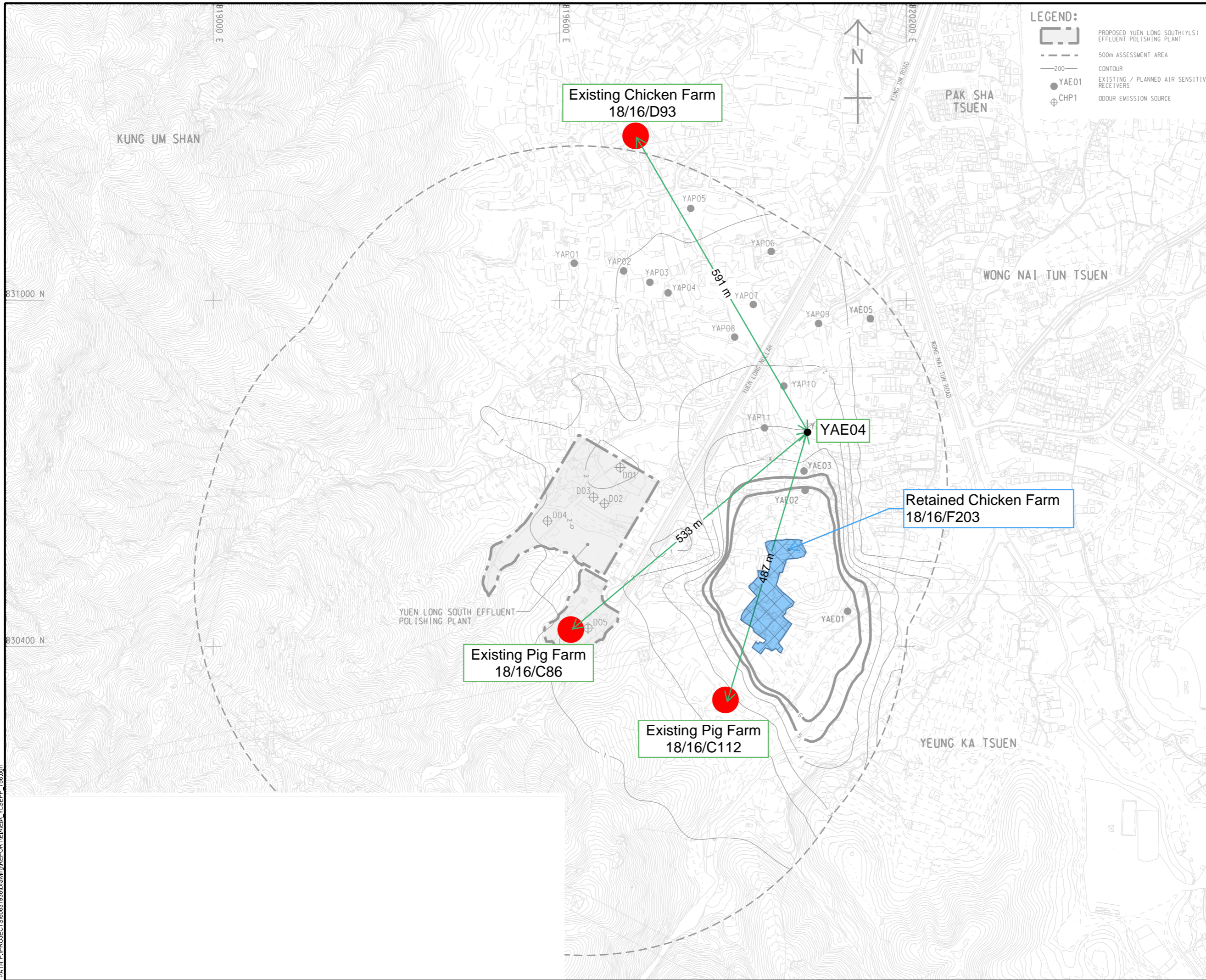
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IR	DATE	DESCRIPTION	CHK.

Appendix 3.10  
 Frequency and Magnitude  
 of Odour Exceedance for  
 ASRs within Exceedance  
 Zone

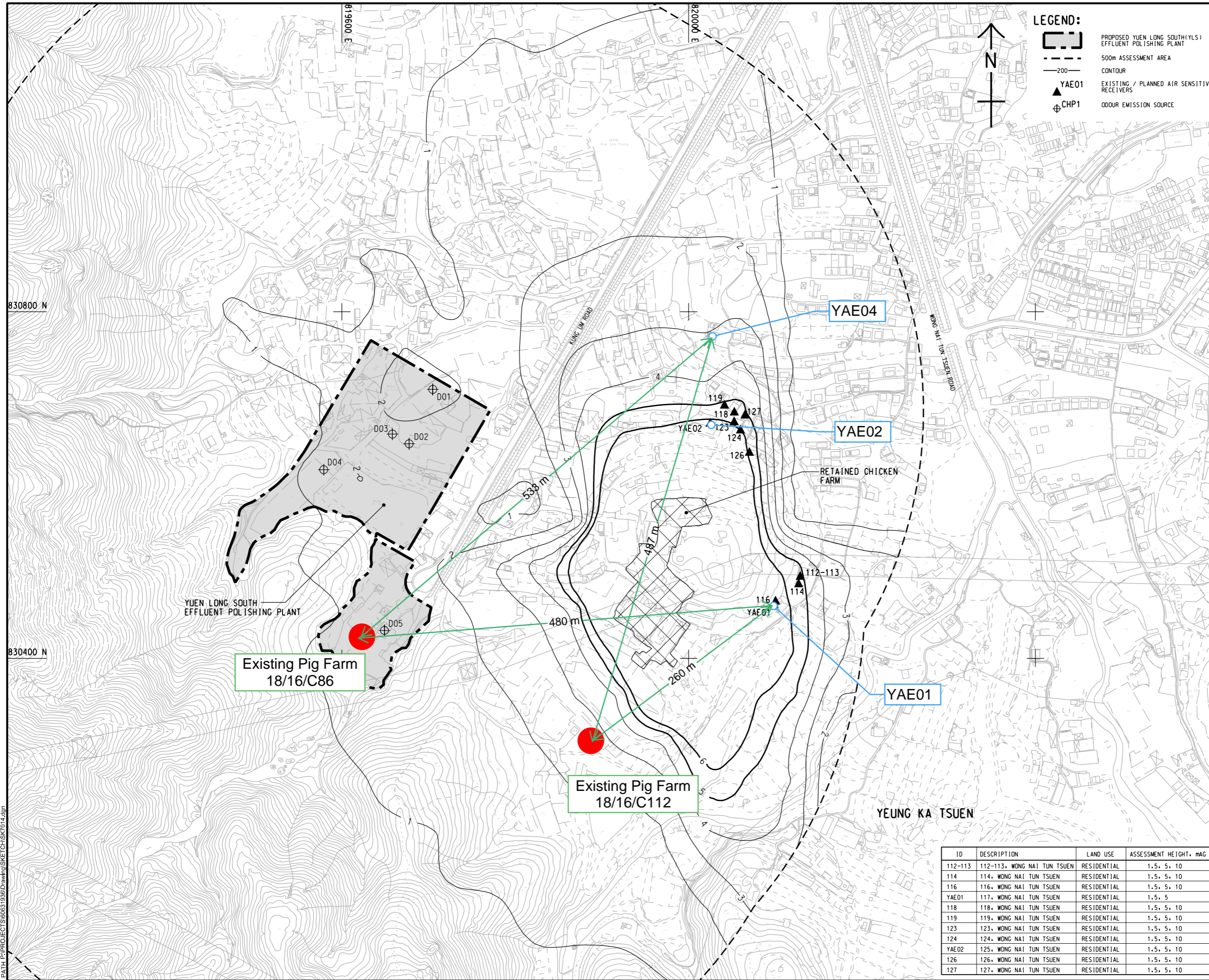
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IR	DATE	DESCRIPTION	CHK.

Appendix 3.10  
 Frequency and Magnitude  
 of Odour Exceedance for  
 ASRs within Exceedance  
 Zone

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**ISSUE/REVISION**

NO.	DATE	DESCRIPTION	CHK.

**STATUS**

NO.	DATE	DESCRIPTION	CHK.

**SCALE**      **DIMENSION UNIT**

A1 1 : 2000      METRES

**KEY PLAN**

**PROJECT NO.**      **CONTRACT NO.**

60631936      CE 6/2019 (DS)

ID	DESCRIPTION	LAND USE	ASSESSMENT HEIGHT, mAG
112-113	112-113, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
114	114, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
116	116, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
YAE01	117, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5
118	118, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
119	119, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
123	123, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
124	124, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
YAE02	125, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
126	126, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10
127	127, WONG NAI TUN TSUEN	RESIDENTIAL	1.5, 5, 10

**Appendix 3.10**  
 Frequency and Magnitude  
 of Odour Exceedance for  
 ASRs within Exceedance  
 Zone

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Appendix 3.10  
 Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone

**Odour Impact Duration and Frequency Analysis**

Receptor ID	Height (mAG)	No. of Exceedance	% Time with Exceedance	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )	Contributions from YLSEPP at the hour(s) with exceedance of 5OU (OU/m <sup>3</sup> )	Contributions from Chicken Farm at the hour(s) with exceedance of 5OU (OU/m <sup>3</sup> )
YAE01	1.5	45	0.51%	6.70	0.01 - 0.45	4.56 - 6.68
YAE01	5	28	0.32%	5.87	0.01 - 0.36	4.65 - 5.84
YAE02	1.5	15	0.17%	6.34	< 0.01	5.14 - 6.34
YAE02	5	4	0.05%	5.81	< 0.01	5.10 - 5.81
YAE02	10	3	0.03%	5.55	< 0.01	5.02 - 5.55

Note: Bolded value indicates exceedance of the criteria at 5 ou/m<sup>3</sup>

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

**Detailed Breakdown of Results at YAE01 and YAE02**

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Concerned ASRs are ASRs at locations with exceedance of criteria predicted

ASR & Height: 1.5mAG of YAE01

No of Exceedance: 45; Max. Exceedance by 1.7 ou/m<sup>3</sup>

Rank (1 = highest concentra- tion)	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	10/8/2015	05 - 06	Night	0.02	6.68	6.70
2	9/24/2015	04 - 05	Night	0.03	6.61	6.64
3	5/25/2015	23 - 00	Night	0.01	6.58	6.59
4	7/12/2015	05 - 06	Night	0.01	6.48	6.49
5	10/1/2015	04 - 05	Night	0.03	6.46	6.49
6	9/26/2015	06 - 07	Night	0.09	6.34	6.43
7	2/12/2015	03 - 04	Night	0.14	6.29	6.43
8	8/28/2015	02 - 03	Night	0.02	6.34	6.36
9	11/14/2015	05 - 06	Night	0.01	6.24	6.25
10	8/29/2015	05 - 06	Night	0.01	6.17	6.18
11	7/17/2015	03 - 04	Night	0.09	6.04	6.13
12	2/12/2015	00 - 01	Night	0.04	6.02	6.05
13	8/6/2015	05 - 06	Night	0.03	5.95	5.98
14	4/23/2015	04 - 05	Night	0.02	5.90	5.92
15	10/24/2015	01 - 02	Night	0.27	5.55	5.82
16	7/12/2015	02 - 03	Night	0.03	5.76	5.80
17	7/17/2015	04 - 05	Night	0.11	5.58	5.69
18	8/23/2015	21 - 22	Night	0.01	5.67	5.68
19	8/7/2015	05 - 06	Night	0.01	5.61	5.62
20	8/21/2015	21 - 22	Night	0.27	5.32	5.60
21	10/24/2015	02 - 03	Night	0.31	5.26	5.57
22	7/11/2015	02 - 03	Night	0.06	5.44	5.50
23	1/30/2015	00 - 01	Night	0.12	5.38	5.50
24	2/13/2015	18 - 19	Night	0.02	5.47	5.48
25	1/26/2015	01 - 02	Night	0.11	5.36	5.47
26	11/29/2015	05 - 06	Night	0.15	5.29	5.44
27	5/31/2015	03 - 04	Night	0.05	5.39	5.44
28	3/9/2015	04 - 05	Night	0.28	5.15	5.42
29	4/23/2015	03 - 04	Night	0.02	5.40	5.42
30	3/9/2015	05 - 06	Night	0.36	5.01	5.36
31	2/3/2015	04 - 05	Night	0.30	5.04	5.34
32	2/12/2015	07 - 08	Night	0.06	5.27	5.33
33	5/24/2015	22 - 23	Night	0.04	5.29	5.33
34	12/25/2015	23 - 00	Night	0.04	5.28	5.32
35	11/29/2015	06 - 07	Night	0.33	4.98	5.31
36	12/20/2015	06 - 07	Night	0.33	4.97	5.29
37	8/7/2015	06 - 07	Night	0.06	5.23	5.29
38	11/28/2015	18 - 19	Night	0.37	4.89	5.26
39	8/14/2015	06 - 07	Night	0.06	5.15	5.21
40	8/21/2015	20 - 21	Night	0.01	5.15	5.17
41	9/24/2015	03 - 04	Night	0.04	5.11	5.15
42	9/24/2015	02 - 03	Night	0.02	5.11	5.13
43	2/12/2015	02 - 03	Night	0.35	4.71	5.06
44	8/4/2015	05 - 06	Night	0.01	5.02	5.03
45	10/27/2015	05 - 06	Night	0.45	4.56	5.01
46	12/20/2015	04 - 05	Night	0.04	4.96	5.00
47	8/9/2015	05 - 06	Night	0.02	4.96	4.98
48	8/15/2015	18 - 19	Night	0.07	4.91	4.98
49	9/24/2015	05 - 06	Night	0.01	4.94	4.95

\* Bolded value represents exceedance of 5OU

5mAG of YAE01

No of Exceedance: 28; Max. Exceedance by 0.87 ou/m<sup>3</sup>

Rank	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	2/12/2015	03 - 04	Night	0.13	5.74	5.87
2	10/1/2015	04 - 05	Night	0.03	5.84	5.87
3	9/26/2015	06 - 07	Night	0.09	5.48	5.57
4	10/8/2015	05 - 06	Night	0.02	5.52	5.54
5	9/24/2015	04 - 05	Night	0.03	5.50	5.53
6	5/25/2015	23 - 00	Night	0.01	5.49	5.50
7	10/24/2015	01 - 02	Night	0.26	5.23	5.50
8	7/12/2015	05 - 06	Night	0.01	5.47	5.48
9	7/17/2015	04 - 05	Night	0.11	5.29	5.40
10	8/21/2015	21 - 22	Night	0.27	5.06	5.33
11	7/17/2015	03 - 04	Night	0.09	5.22	5.31
12	4/23/2015	04 - 05	Night	0.02	5.24	5.26
13	10/24/2015	02 - 03	Night	0.30	4.94	5.25
14	1/30/2015	00 - 01	Night	0.12	5.11	5.23
15	7/11/2015	02 - 03	Night	0.06	5.16	5.22
16	8/28/2015	02 - 03	Night	0.01	5.20	5.21
17	11/14/2015	05 - 06	Night	0.01	5.19	5.20
18	1/26/2015	01 - 02	Night	0.10	5.09	5.19
19	11/29/2015	05 - 06	Night	0.15	5.03	5.18
20	3/9/2015	04 - 05	Night	0.27	4.90	5.17
21	5/31/2015	03 - 04	Night	0.05	5.11	5.15
22	8/29/2015	05 - 06	Night	0.01	5.09	5.10
23	2/3/2015	04 - 05	Night	0.29	4.80	5.09
24	3/9/2015	05 - 06	Night	0.35	4.74	5.09
25	11/29/2015	06 - 07	Night	0.32	4.74	5.06
26	2/12/2015	07 - 08	Night	0.05	5.00	5.06
27	12/20/2015	06 - 07	Night	0.32	4.73	5.04
28	11/28/2015	18 - 19	Night	0.36	4.65	5.01
29	2/12/2015	00 - 01	Night	0.04	4.96	4.99
30	4/23/2015	03 - 04	Night	0.02	4.89	4.90
31	8/6/2015	05 - 06	Night	0.03	4.85	4.88
32	10/27/2015	05 - 06	Night	0.44	4.34	4.78

Appendix 3.10  
 Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone

Detailed Breakdown of Results at YAE01 and YAE02

1.5mAG of YAE02

No of Exceedance: 15; Max. Exceedance by 1.34 ou/m<sup>3</sup>

Rank	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1/26/2015	23 - 00	Night	<0.01	6.34	6.34
2	3/21/2015	04 - 05	Night	<0.01	5.86	5.86
3	8/24/2015	21 - 22	Night	<0.01	5.78	5.78
4	1/30/2015	18 - 19	Night	<0.01	5.55	5.55
5	6/12/2015	03 - 04	Night	<0.01	5.46	5.46
6	7/5/2015	20 - 21	Night	<0.01	5.45	5.46
7	9/21/2015	06 - 07	Night	<0.01	5.45	5.45
8	2/21/2015	22 - 23	Night	<0.01	5.40	5.40
9	9/19/2015	05 - 06	Night	<0.01	5.36	5.37
10	10/1/2015	03 - 04	Night	<0.01	5.33	5.33
11	6/28/2015	05 - 06	Night	<0.01	5.28	5.28
12	2/17/2015	23 - 00	Night	<0.01	5.22	5.22
13	1/25/2015	19 - 20	Night	<0.01	5.21	5.22
14	1/31/2015	17 - 18	Night	<0.01	5.20	5.20
15	9/6/2015	22 - 23	Night	<0.01	5.14	5.14
16	1/26/2015	04 - 05	Night	<0.01	5.00	5.00
17	3/19/2015	03 - 04	Night	<0.01	4.95	4.96
18	1/6/2015	18 - 19	Night	<0.01	4.91	4.92
19	9/5/2015	04 - 05	Night	<0.01	4.91	4.91

5mAG of YAE02

No of Exceedance: 4; Max. Exceedance by 0.81 ou/m<sup>3</sup>

Rank	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1/26/2015	23 - 00	Night	<0.01	5.81	5.81
2	3/21/2015	04 - 05	Night	<0.01	5.39	5.40
3	7/5/2015	20 - 21	Night	<0.01	5.11	5.12
4	8/24/2015	21 - 22	Night	<0.01	5.10	5.10
5	6/12/2015	03 - 04	Night	<0.01	4.96	4.96
6	9/21/2015	06 - 07	Night	<0.01	4.95	4.95
7	1/30/2015	18 - 19	Night	<0.01	4.95	4.95
8	6/28/2015	05 - 06	Night	<0.01	4.93	4.93

10mAG of YAE02

No of Exceedance: 3; Max. Exceedance by 0.55 ou/m<sup>3</sup>

Rank	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1/26/2015	03 - 04	Night	<0.01	5.55	5.55
2	8/3/2015	05 - 06	Night	<0.01	5.04	5.04
3	9/23/2015	06 - 07	Night	<0.01	5.02	5.02
4	6/6/2015	01 - 02	Night	<0.01	5.00	5.00
5	10/16/2015	00 - 01	Night	<0.01	4.99	4.99
6	10/28/2015	04 - 05	Night	<0.01	4.97	4.98
7	12/23/2015	03 - 04	Night	<0.01	4.91	4.91

\* Bolded value represents exceedance of 50U

## Appendix 3.10

## Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone

YLSEPP (Operation)

Additional ASRs within Odour Exceedance Zone

**Cumulative Maximum Predicted 5-second Average Odour Concentration, OU/m<sup>3</sup>**

Receptor ID	Height (mAG)	Project Contribution	Chicken Farm Contribution	Cumulative Odour Concentration
112-113	1.5	0.01	5.32	5.33
112-113	5	0.02	4.81	4.83
112-113	10	0.04	4.49	4.53
114	1.5	0.01	5.39	5.40
114	5	0.02	4.83	4.85
114	10	0.04	4.55	4.59
116	1.5	0.03	6.56	6.59
116	5	0.03	5.84	5.87
116	10	0.10	5.12	5.22
YAE01	1.5	0.02	6.68	6.70
YAE01	5	0.13	5.74	5.87
118	1.5	<0.01	5.74	5.74
118	5	<0.01	5.23	5.23
118	10	<0.01	5.26	5.26
119	1.5	<0.01	5.59	5.59
119	5	<0.01	5.21	5.22
119	10	<0.01	5.21	5.22
123	1.5	<0.01	5.97	5.97
123	5	<0.01	5.49	5.49
123	10	<0.01	5.39	5.39
124	1.5	<0.01	6.00	6.00
124	5	<0.01	5.43	5.43
124	10	<0.01	5.31	5.31
YAE02	1.5	<0.01	6.34	6.34
YAE02	5	<0.01	5.81	5.81
YAE02	10	<0.01	5.55	5.55
126	1.5	<0.01	6.15	6.15
126	5	<0.01	5.61	5.61
126	10	<0.01	5.29	5.29
127	1.5	<0.01	5.33	5.33
127	5	<0.01	4.99	4.99
127	10	<0.01	5.03	5.03

Note: Bolded value indicates exceedance of the Criteria at 5 ou/m<sup>3</sup>



## Appendix 3.10

## Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone

## Additional ASRs within Odour Exceedance Zone

## Odour Impact Duration and Frequency Analysis

Receptor ID	Height (mAG)	No. of Exceedance	% Time with Exceedance	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )	Contributions from YLSEPP at the hour(s) with exceedance of 50U (OU/m <sup>3</sup> )	Contributions from Chicken Farm at the hour(s) with exceedance of 50U (OU/m <sup>3</sup> )
112-113	1.5	7	0.08%	5.33	0.01 - 0.03	4.98 - 5.32
112-113	5	0				
112-113	10	0				
114	1.5	12	0.14%	5.40	0.01 - 0.07	4.94 - 5.39
114	5	0				
114	10	0				
116	1.5	44	0.50%	6.59	0.01 - 0.38	4.65 - 6.56
116	5	22	0.25%	5.87	0.01 - 0.28	4.81 - 5.84
116	10	6	0.07%	5.22	0.05 - 0.26	4.79 - 5.12
YAE01	1.5	45	0.51%	6.70	0.01 - 0.45	4.56 - 6.68
YAE01	5	28	0.32%	5.87	0.01 - 0.36	4.65 - 5.84
118	1.5	19	0.22%	5.74	< 0.01	5.01 - 5.74
118	5	6	0.07%	5.23	< 0.01	5.01 - 5.23
118	10	6	0.07%	5.26	< 0.01	5.01 - 5.26
119	1.5	3	0.03%	5.59	< 0.01	5.32 - 5.59
119	5	1	0.01%	5.22	< 0.01	5.21 - 5.21
119	10	1	0.01%	5.22	< 0.01	5.21 - 5.21
123	1.5	32	0.37%	5.97	< 0.01	5.01 - 5.97
123	5	14	0.16%	5.49	< 0.01	5.00 - 5.49
123	10	10	0.11%	5.39	< 0.01	5.00 - 5.39
124	1.5	31	0.35%	6.00	< 0.01	5.00 - 6.00
124	5	13	0.15%	5.43	< 0.01	5.04 - 5.43
124	10	13	0.15%	5.31	< 0.01	5.03 - 5.31
YAE02	1.5	15	0.17%	6.34	< 0.01	5.14 - 6.34
YAE02	5	4	0.05%	5.81	< 0.01	5.10 - 5.81
YAE02	10	3	0.03%	5.55	< 0.01	5.02 - 5.55
126	1.5	36	0.41%	6.15	< 0.01	5.02 - 6.15
126	5	8	0.09%	5.61	< 0.01	5.08 - 5.61
126	10	11	0.13%	5.29	< 0.01	5.01 - 5.29
127	1.5	13	0.15%	5.33	< 0.01	5.04 - 5.33
127	5	0				
127	10	2	0.02%	5.03	< 0.01	5.00 - 5.03

Note:

- Bolded value indicates exceedance of the criteria at 5 ou/m<sup>3</sup>

- Shaded indicates no exceedance at the respective height of the receptor.

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 112-113\_1.5

No. of Exceedances 7

Max Exceedance by 0.33 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	5638	8/23/2015	21 - 22	Night	0.01	5.32	5.33
2	5238	8/7/2015	05 - 06	Night	0.01	5.28	5.30
3	5589	8/21/2015	20 - 21	Night	0.01	5.27	5.28
4	6387	9/24/2015	02 - 03	Night	0.02	5.23	5.25
5	6524	9/29/2015	19 - 20	Night	0.01	5.13	5.15
6	2692	4/23/2015	03 - 04	Night	0.03	5.03	5.06
7	7614	11/14/2015	05 - 06	Night	0.02	4.98	5.00
8	1111	2/16/2015	06 - 07	Night	0.03	4.85	4.88
9	4803	7/20/2015	02 - 03	Night	0.02	4.86	4.88
10	8634	12/26/2015	17 - 18	Night	0.01	4.87	4.88
11	4614	7/12/2015	05 - 06	Night	0.03	4.78	4.82

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 112-113\_5

No. of Exceedances 0

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	6387	9/24/2015	02 - 03	Night	0.02	4.81	4.83
2	2692	4/23/2015	03 - 04	Night	0.02	4.70	4.72
3	5238	8/7/2015	05 - 06	Night	0.01	4.70	4.71
4	5638	8/23/2015	21 - 22	Night	0.01	4.65	4.66
5	5589	8/21/2015	20 - 21	Night	0.01	4.62	4.64
6	1111	2/16/2015	06 - 07	Night	0.02	4.59	4.62
7	4803	7/20/2015	02 - 03	Night	0.02	4.44	4.46
8	6524	9/29/2015	19 - 20	Night	< 0.01	4.42	4.43
9	7614	11/14/2015	05 - 06	Night	0.02	4.40	4.42
10	2693	4/23/2015	04 - 05	Night	0.03	4.38	4.41

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 112-113\_10

No. of Exceedances 0

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	7060	10/22/2015	03 - 04	Night	0.04	4.49	4.53
2	7612	11/14/2015	03 - 04	Night	0.04	4.49	4.53
3	7183	10/27/2015	06 - 07	Night	0.05	4.47	4.52
4	1076	2/14/2015	19 - 20	Night	0.04	4.44	4.48
5	8477	12/20/2015	04 - 05	Night	0.06	4.28	4.34
6	7180	10/27/2015	03 - 04	Night	0.03	4.31	4.34
7	7207	10/28/2015	06 - 07	Night	0.02	4.19	4.21
8	603	1/26/2015	02 - 03	Night	0.02	4.13	4.15
9	3604	5/31/2015	03 - 04	Night	0.12	3.96	4.08
10	4587	7/11/2015	02 - 03	Night	0.13	3.88	4.01

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 114\_1.5

No. of Exceedances 12

Max Exceedance by 0.40 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	5638	8/23/2015	21 - 22	Night	0.01	5.39	5.40
2	5238	8/7/2015	05 - 06	Night	0.01	5.38	5.39
3	7614	11/14/2015	05 - 06	Night	0.02	5.33	5.35
4	4614	7/12/2015	05 - 06	Night	0.03	5.26	5.29
5	5589	8/21/2015	20 - 21	Night	0.01	5.27	5.28
6	6387	9/24/2015	02 - 03	Night	0.02	5.26	5.28
7	3456	5/25/2015	23 - 00	Night	0.03	5.18	5.21
8	2692	4/23/2015	03 - 04	Night	0.03	5.17	5.20
9	2693	4/23/2015	04 - 05	Night	0.03	5.08	5.11
10	6524	9/29/2015	19 - 20	Night	0.01	5.09	5.10
11	6557	10/1/2015	04 - 05	Night	0.07	4.94	5.01
12	5766	8/29/2015	05 - 06	Night	0.03	4.97	5.00
13	5739	8/28/2015	02 - 03	Night	0.03	4.96	4.99
14	1051	2/13/2015	18 - 19	Night	0.02	4.89	4.91
15	1111	2/16/2015	06 - 07	Night	0.03	4.82	4.85
16	6726	10/8/2015	05 - 06	Night	0.04	4.78	4.82

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 114\_5

No. of Exceedances 0

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	2692	4/23/2015	03 - 04	Night	0.02	4.83	4.85
2	6387	9/24/2015	02 - 03	Night	0.02	4.83	4.85
3	5238	8/7/2015	05 - 06	Night	0.01	4.76	4.77
4	7614	11/14/2015	05 - 06	Night	0.02	4.70	4.72
5	4614	7/12/2015	05 - 06	Night	0.03	4.68	4.71
6	2693	4/23/2015	04 - 05	Night	0.03	4.67	4.70
7	5638	8/23/2015	21 - 22	Night	< 0.01	4.68	4.69
8	6557	10/1/2015	04 - 05	Night	0.06	4.60	4.66
9	5589	8/21/2015	20 - 21	Night	0.01	4.60	4.61
10	3456	5/25/2015	23 - 00	Night	0.03	4.57	4.60

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 114\_10

No. of Exceedances 0

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	7183	10/27/2015	06 - 07	Night	0.04	4.55	4.59
2	1076	2/14/2015	19 - 20	Night	0.03	4.54	4.58
3	8477	12/20/2015	04 - 05	Night	0.05	4.51	4.56
4	7060	10/22/2015	03 - 04	Night	0.04	4.51	4.55
5	7612	11/14/2015	03 - 04	Night	0.03	4.48	4.52
6	3604	5/31/2015	03 - 04	Night	0.10	4.39	4.49
7	4587	7/11/2015	02 - 03	Night	0.11	4.33	4.44
8	1016	2/12/2015	07 - 08	Night	0.11	4.28	4.39
9	7180	10/27/2015	03 - 04	Night	0.02	4.15	4.17
10	602	1/26/2015	01 - 02	Night	0.15	3.99	4.14

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 116\_1.5

No. of Exceedances 44

Max Exceedance by 1.59 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	6726	10/8/2015	05 - 06	Night	0.03	6.56	6.59
2	3456	5/25/2015	23 - 00	Night	0.02	6.54	6.56
3	4614	7/12/2015	05 - 06	Night	0.01	6.48	6.49
4	6557	10/1/2015	04 - 05	Night	0.03	6.44	6.48
5	6389	9/24/2015	04 - 05	Night	0.03	6.41	6.45
6	5739	8/28/2015	02 - 03	Night	0.02	6.30	6.32
7	7614	11/14/2015	05 - 06	Night	0.01	6.29	6.30
8	5766	8/29/2015	05 - 06	Night	0.01	6.15	6.17
9	1012	2/12/2015	03 - 04	Night	0.15	5.98	6.13
10	6439	9/26/2015	06 - 07	Night	0.09	5.97	6.06
11	2693	4/23/2015	04 - 05	Night	0.02	6.01	6.03
12	5638	8/23/2015	21 - 22	Night	0.01	5.89	5.90
13	5238	8/7/2015	05 - 06	Night	0.01	5.84	5.86
14	5214	8/6/2015	05 - 06	Night	0.03	5.77	5.80
15	1009	2/12/2015	00 - 01	Night	0.04	5.76	5.79
16	4732	7/17/2015	03 - 04	Night	0.10	5.67	5.77
17	2692	4/23/2015	03 - 04	Night	0.02	5.61	5.64
18	1051	2/13/2015	18 - 19	Night	0.02	5.61	5.63
19	4611	7/12/2015	02 - 03	Night	0.03	5.57	5.61
20	4733	7/17/2015	04 - 05	Night	0.12	5.44	5.56
21	7106	10/24/2015	01 - 02	Night	0.29	5.23	5.52
22	5589	8/21/2015	20 - 21	Night	0.01	5.49	5.50
23	4587	7/11/2015	02 - 03	Night	0.06	5.43	5.50
24	3604	5/31/2015	03 - 04	Night	0.06	5.39	5.45
25	6387	9/24/2015	02 - 03	Night	0.02	5.41	5.43
26	602	1/26/2015	01 - 02	Night	0.11	5.29	5.41
27	697	1/30/2015	00 - 01	Night	0.13	5.22	5.35
28	5590	8/21/2015	21 - 22	Night	0.29	5.06	5.35
29	1016	2/12/2015	07 - 08	Night	0.06	5.27	5.33
30	7974	11/29/2015	05 - 06	Night	0.20	5.08	5.28
31	5239	8/7/2015	06 - 07	Night	0.08	5.18	5.26
32	7107	10/24/2015	02 - 03	Night	0.33	4.88	5.20
33	3455	5/24/2015	22 - 23	Night	0.04	5.14	5.19
34	1613	3/9/2015	04 - 05	Night	0.30	4.89	5.19
35	6524	9/29/2015	19 - 20	Night	0.01	5.16	5.17
36	8592	12/25/2015	23 - 00	Night	0.04	5.12	5.16
37	6390	9/24/2015	05 - 06	Night	0.01	5.12	5.13
38	797	2/3/2015	04 - 05	Night	0.32	4.77	5.09
39	5407	8/14/2015	06 - 07	Night	0.06	5.02	5.09
40	5166	8/4/2015	05 - 06	Night	0.01	5.07	5.08
41	8477	12/20/2015	04 - 05	Night	0.04	5.03	5.08
42	7975	11/29/2015	06 - 07	Night	0.35	4.70	5.05
43	8479	12/20/2015	06 - 07	Night	0.35	4.69	5.03
44	1614	3/9/2015	05 - 06	Night	0.38	4.65	5.03
45	1076	2/14/2015	19 - 20	Night	0.04	4.94	4.98
46	6388	9/24/2015	03 - 04	Night	0.04	4.92	4.96
47	7963	11/28/2015	18 - 19	Night	0.37	4.58	4.96
48	7183	10/27/2015	06 - 07	Night	0.05	4.91	4.95

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 116\_5

No. of Exceedances 22

Max Exceedance by 0.87 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	6557	10/1/2015	04 - 05	Night	0.03	5.84	5.87
2	1012	2/12/2015	03 - 04	Night	0.14	5.47	5.61
3	3456	5/25/2015	23 - 00	Night	0.01	5.50	5.52
4	4614	7/12/2015	05 - 06	Night	0.01	5.50	5.52
5	6726	10/8/2015	05 - 06	Night	0.03	5.47	5.50
6	6389	9/24/2015	04 - 05	Night	0.03	5.37	5.40
7	2693	4/23/2015	04 - 05	Night	0.02	5.36	5.38
8	4733	7/17/2015	04 - 05	Night	0.11	5.17	5.28
9	7614	11/14/2015	05 - 06	Night	0.01	5.26	5.27
10	6439	9/26/2015	06 - 07	Night	0.09	5.18	5.27
11	5739	8/28/2015	02 - 03	Night	0.01	5.21	5.22
12	4587	7/11/2015	02 - 03	Night	0.06	5.15	5.21
13	7106	10/24/2015	01 - 02	Night	0.28	4.93	5.21
14	3604	5/31/2015	03 - 04	Night	0.06	5.12	5.17
15	602	1/26/2015	01 - 02	Night	0.11	5.03	5.14
16	5766	8/29/2015	05 - 06	Night	0.01	5.12	5.13
17	2692	4/23/2015	03 - 04	Night	0.02	5.10	5.11
18	5590	8/21/2015	21 - 22	Night	0.28	4.81	5.10
19	697	1/30/2015	00 - 01	Night	0.13	4.97	5.10
20	1016	2/12/2015	07 - 08	Night	0.06	5.00	5.06
21	7974	11/29/2015	05 - 06	Night	0.20	4.84	5.04
22	4732	7/17/2015	03 - 04	Night	0.10	4.91	5.01
23	1613	3/9/2015	04 - 05	Night	0.29	4.66	4.95
24	5238	8/7/2015	05 - 06	Night	0.01	4.92	4.93
25	7107	10/24/2015	02 - 03	Night	0.32	4.59	4.91
26	797	2/3/2015	04 - 05	Night	0.31	4.54	4.85

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 116\_10

No. of Exceedances 6

Max Exceedance by 0.22 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	4733	7/17/2015	04 - 05	Night	0.10	5.12	5.22
2	697	1/30/2015	00 - 01	Night	0.11	5.05	5.17
3	602	1/26/2015	01 - 02	Night	0.10	5.05	5.15
4	7974	11/29/2015	05 - 06	Night	0.18	4.94	5.12
5	5590	8/21/2015	21 - 22	Night	0.26	4.79	5.04
6	4587	7/11/2015	02 - 03	Night	0.05	4.97	5.02
7	1613	3/9/2015	04 - 05	Night	0.26	4.73	4.99
8	3604	5/31/2015	03 - 04	Night	0.05	4.93	4.98
9	1016	2/12/2015	07 - 08	Night	0.05	4.91	4.97
10	797	2/3/2015	04 - 05	Night	0.28	4.55	4.83

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 118\_1.5

No. of Exceedances 19

Max Exceedance by 0.74 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	5662	8/24/2015	21 - 22	Night	< 0.01	5.74	5.74
2	1128	2/17/2015	23 - 00	Night	< 0.01	5.65	5.65
3	1901	3/21/2015	04 - 05	Night	< 0.01	5.57	5.57
4	600	1/26/2015	23 - 00	Night	< 0.01	5.47	5.47
5	6556	10/1/2015	03 - 04	Night	< 0.01	5.45	5.45
6	6270	9/19/2015	05 - 06	Night	< 0.01	5.42	5.42
7	605	1/26/2015	04 - 05	Night	< 0.01	5.25	5.25
8	715	1/30/2015	18 - 19	Night	< 0.01	5.23	5.23
9	3892	6/12/2015	03 - 04	Night	< 0.01	5.17	5.17
10	3694	6/3/2015	21 - 22	Night	< 0.01	5.15	5.15
11	7708	11/18/2015	03 - 04	Night	< 0.01	5.14	5.14
12	1247	2/21/2015	22 - 23	Night	< 0.01	5.10	5.10
13	596	1/25/2015	19 - 20	Night	< 0.01	5.09	5.09
14	4278	6/28/2015	05 - 06	Night	< 0.01	5.05	5.06
15	1852	3/19/2015	03 - 04	Night	< 0.01	5.05	5.05
16	4461	7/5/2015	20 - 21	Night	< 0.01	5.04	5.05
17	1109	2/16/2015	04 - 05	Night	< 0.01	5.03	5.03
18	1108	2/16/2015	03 - 04	Night	< 0.01	5.01	5.02
19	6319	9/21/2015	06 - 07	Night	< 0.01	5.01	5.01
20	5331	8/11/2015	02 - 03	Night	< 0.01	4.95	4.95
21	5953	9/6/2015	00 - 01	Night	< 0.01	4.89	4.89
22	5975	9/6/2015	22 - 23	Night	< 0.01	4.77	4.77
23	5900	9/3/2015	19 - 20	Night	< 0.01	4.74	4.74

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 118\_5

No. of Exceedances 6

Max Exceedance by 0.23 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1128	2/17/2015	23 - 00	Night	< 0.01	5.23	5.23
2	1901	3/21/2015	04 - 05	Night	< 0.01	5.21	5.21
3	5662	8/24/2015	21 - 22	Night	< 0.01	5.20	5.20
4	600	1/26/2015	23 - 00	Night	< 0.01	5.11	5.11
5	6556	10/1/2015	03 - 04	Night	< 0.01	5.10	5.10
6	6270	9/19/2015	05 - 06	Night	< 0.01	5.01	5.01
7	596	1/25/2015	19 - 20	Night	< 0.01	4.86	4.86
8	7708	11/18/2015	03 - 04	Night	< 0.01	4.81	4.81
9	4461	7/5/2015	20 - 21	Night	< 0.01	4.79	4.79
10	3892	6/12/2015	03 - 04	Night	< 0.01	4.79	4.79

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 118\_10

No. of Exceedances 6

Max Exceedance by 0.26 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	5142	8/3/2015	05 - 06	Night	< 0.01	5.26	5.26
2	6342	9/22/2015	05 - 06	Night	< 0.01	5.18	5.18
3	5118	8/2/2015	05 - 06	Night	< 0.01	5.14	5.14
4	604	1/26/2015	03 - 04	Night	< 0.01	5.11	5.11
5	76	1/4/2015	03 - 04	Night	< 0.01	5.10	5.10
6	7158	10/26/2015	05 - 06	Night	< 0.01	5.01	5.02
7	7871	11/24/2015	22 - 23	Night	< 0.01	4.98	4.98
8	697	1/30/2015	00 - 01	Night	< 0.01	4.83	4.83
9	1485	3/3/2015	20 - 21	Night	< 0.01	4.73	4.74
10	596	1/25/2015	19 - 20	Night	< 0.01	4.66	4.66

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 119\_1.5

No. of Exceedances 3

Max Exceedance by 0.59 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	600	1/26/2015	23 - 00	Night	< 0.01	5.59	5.59
2	5662	8/24/2015	21 - 22	Night	< 0.01	5.34	5.34
3	1901	3/21/2015	04 - 05	Night	< 0.01	5.32	5.32
4	715	1/30/2015	18 - 19	Night	< 0.01	4.99	4.99
5	1128	2/17/2015	23 - 00	Night	< 0.01	4.94	4.94
6	6270	9/19/2015	05 - 06	Night	< 0.01	4.93	4.94
7	6556	10/1/2015	03 - 04	Night	< 0.01	4.93	4.93



**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 119\_5

No. of Exceedances 1

Max Exceedance by 0.22 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	600	1/26/2015	23 - 00	Night	< 0.01	5.21	5.22
2	1901	3/21/2015	04 - 05	Night	< 0.01	4.98	4.98
3	5662	8/24/2015	21 - 22	Night	< 0.01	4.83	4.83
4	6556	10/1/2015	03 - 04	Night	< 0.01	4.61	4.61
5	4461	7/5/2015	20 - 21	Night	< 0.01	4.60	4.61

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 119\_10

No. of Exceedances 1

Max Exceedance by 0.22 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	604	1/26/2015	03 - 04	Night	< 0.01	5.21	5.22
2	5142	8/3/2015	05 - 06	Night	< 0.01	4.93	4.94
3	1485	3/3/2015	20 - 21	Night	< 0.01	4.63	4.63
4	6342	9/22/2015	05 - 06	Night	< 0.01	4.52	4.53
5	5119	8/2/2015	06 - 07	Night	< 0.01	4.46	4.47

**Appendix 3.10**  
**Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 123\_1.5

No. of Exceedances 32

Max Exceedance by 0.97 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1128	2/17/2015	23 - 00	Night	< 0.01	5.97	5.97
2	5662	8/24/2015	21 - 22	Night	< 0.01	5.93	5.93
3	6556	10/1/2015	03 - 04	Night	< 0.01	5.74	5.74
4	1901	3/21/2015	04 - 05	Night	< 0.01	5.73	5.73
5	7708	11/18/2015	03 - 04	Night	< 0.01	5.69	5.70
6	6270	9/19/2015	05 - 06	Night	< 0.01	5.69	5.69
7	3694	6/3/2015	21 - 22	Night	< 0.01	5.66	5.66
8	1108	2/16/2015	03 - 04	Night	< 0.01	5.59	5.59
9	1109	2/16/2015	04 - 05	Night	< 0.01	5.59	5.59
10	600	1/26/2015	23 - 00	Night	< 0.01	5.51	5.51
11	605	1/26/2015	04 - 05	Night	< 0.01	5.47	5.47
12	715	1/30/2015	18 - 19	Night	< 0.01	5.43	5.43
13	3892	6/12/2015	03 - 04	Night	< 0.01	5.40	5.40
14	5953	9/6/2015	00 - 01	Night	< 0.01	5.39	5.39
15	1852	3/19/2015	03 - 04	Night	< 0.01	5.38	5.38
16	1253	2/22/2015	04 - 05	Night	< 0.01	5.37	5.37
17	596	1/25/2015	19 - 20	Night	< 0.01	5.34	5.34
18	5331	8/11/2015	02 - 03	Night	< 0.01	5.33	5.33
19	4278	6/28/2015	05 - 06	Night	< 0.01	5.30	5.31
20	4461	7/5/2015	20 - 21	Night	< 0.01	5.25	5.26
21	893	2/7/2015	04 - 05	Night	< 0.01	5.23	5.23
22	6319	9/21/2015	06 - 07	Night	< 0.01	5.22	5.23
23	1247	2/21/2015	22 - 23	Night	< 0.01	5.21	5.21
24	4729	7/17/2015	00 - 01	Night	< 0.01	5.18	5.19
25	7707	11/18/2015	02 - 03	Night	< 0.01	5.16	5.16
26	1902	3/21/2015	05 - 06	Night	< 0.01	5.15	5.15
27	5405	8/14/2015	04 - 05	Night	< 0.01	5.08	5.09
28	5357	8/12/2015	04 - 05	Night	< 0.01	5.06	5.06
29	5900	9/3/2015	19 - 20	Night	< 0.01	5.06	5.06
30	5955	9/6/2015	02 - 03	Night	< 0.01	5.03	5.03
31	794	2/3/2015	01 - 02	Night	< 0.01	5.02	5.02
32	4846	7/21/2015	21 - 22	Night	< 0.01	5.01	5.01
33	5189	8/5/2015	04 - 05	Night	< 0.01	4.99	4.99
34	5933	9/5/2015	04 - 05	Night	< 0.01	4.93	4.93
35	3628	6/1/2015	03 - 04	Night	< 0.01	4.91	4.91
36	1611	3/9/2015	02 - 03	Night	< 0.01	4.89	4.89

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 123\_5

No. of Exceedances 14

Max Exceedance by 0.49 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1128	2/17/2015	23 - 00	Night	< 0.01	5.49	5.49
2	1901	3/21/2015	04 - 05	Night	< 0.01	5.34	5.34
3	6556	10/1/2015	03 - 04	Night	< 0.01	5.34	5.34
4	5662	8/24/2015	21 - 22	Night	< 0.01	5.33	5.33
5	7708	11/18/2015	03 - 04	Night	< 0.01	5.30	5.30
6	6270	9/19/2015	05 - 06	Night	< 0.01	5.24	5.24
7	1108	2/16/2015	03 - 04	Night	< 0.01	5.20	5.20
8	1109	2/16/2015	04 - 05	Night	< 0.01	5.18	5.18
9	600	1/26/2015	23 - 00	Night	< 0.01	5.12	5.13
10	596	1/25/2015	19 - 20	Night	< 0.01	5.08	5.08
11	1852	3/19/2015	03 - 04	Night	< 0.01	5.02	5.02
12	1253	2/22/2015	04 - 05	Night	< 0.01	5.02	5.02
13	4278	6/28/2015	05 - 06	Night	< 0.01	5.01	5.01
14	3694	6/3/2015	21 - 22	Night	< 0.01	5.00	5.01
15	3892	6/12/2015	03 - 04	Night	< 0.01	4.98	4.98
16	4461	7/5/2015	20 - 21	Night	< 0.01	4.98	4.98
17	715	1/30/2015	18 - 19	Night	< 0.01	4.92	4.92
18	893	2/7/2015	04 - 05	Night	< 0.01	4.86	4.86

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 123\_10

No. of Exceedances 10

Max Exceedance by 0.39 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	6342	9/22/2015	05 - 06	Night	< 0.01	5.39	5.39
2	5118	8/2/2015	05 - 06	Night	< 0.01	5.38	5.38
3	5142	8/3/2015	05 - 06	Night	< 0.01	5.34	5.34
4	76	1/4/2015	03 - 04	Night	< 0.01	5.31	5.31
5	7871	11/24/2015	22 - 23	Night	< 0.01	5.31	5.31
6	7158	10/26/2015	05 - 06	Night	< 0.01	5.26	5.26
7	697	1/30/2015	00 - 01	Night	< 0.01	5.21	5.21
8	604	1/26/2015	03 - 04	Night	< 0.01	5.07	5.07
9	8547	12/23/2015	02 - 03	Night	< 0.01	5.05	5.05
10	3408	5/23/2015	23 - 00	Night	< 0.01	5.00	5.01
11	3461	5/25/2015	04 - 05	Night	< 0.01	4.92	4.92
12	1611	3/9/2015	02 - 03	Night	< 0.01	4.91	4.91
13	3741	6/5/2015	20 - 21	Night	< 0.01	4.88	4.88
14	1132	2/17/2015	03 - 04	Night	< 0.01	4.86	4.86

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 124\_1.5

No. of Exceedances 31

Max Exceedance by 1.00 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	7707	11/18/2015	02 - 03	Night	< 0.01	6.00	6.00
2	7708	11/18/2015	03 - 04	Night	< 0.01	5.81	5.81
3	1108	2/16/2015	03 - 04	Night	< 0.01	5.77	5.77
4	1902	3/21/2015	05 - 06	Night	< 0.01	5.76	5.76
5	1253	2/22/2015	04 - 05	Night	< 0.01	5.75	5.75
6	1109	2/16/2015	04 - 05	Night	< 0.01	5.74	5.74
7	893	2/7/2015	04 - 05	Night	< 0.01	5.71	5.71
8	3694	6/3/2015	21 - 22	Night	< 0.01	5.71	5.71
9	5357	8/12/2015	04 - 05	Night	< 0.01	5.67	5.67
10	4729	7/17/2015	00 - 01	Night	< 0.01	5.62	5.62
11	1128	2/17/2015	23 - 00	Night	< 0.01	5.60	5.60
12	5953	9/6/2015	00 - 01	Night	< 0.01	5.53	5.53
13	461	1/20/2015	04 - 05	Night	< 0.01	5.47	5.48
14	794	2/3/2015	01 - 02	Night	< 0.01	5.47	5.47
15	6556	10/1/2015	03 - 04	Night	< 0.01	5.41	5.41
16	5662	8/24/2015	21 - 22	Night	< 0.01	5.37	5.37
17	6270	9/19/2015	05 - 06	Night	< 0.01	5.35	5.36
18	3628	6/1/2015	03 - 04	Night	< 0.01	5.34	5.34
19	1110	2/16/2015	05 - 06	Night	< 0.01	5.30	5.30
20	5405	8/14/2015	04 - 05	Night	< 0.01	5.28	5.28
21	1852	3/19/2015	03 - 04	Night	< 0.01	5.23	5.23
22	1901	3/21/2015	04 - 05	Night	< 0.01	5.19	5.19
23	5189	8/5/2015	04 - 05	Night	< 0.01	5.18	5.18
24	91	1/4/2015	18 - 19	Night	< 0.01	5.12	5.12
25	5331	8/11/2015	02 - 03	Night	< 0.01	5.09	5.09
26	1611	3/9/2015	02 - 03	Night	< 0.01	5.07	5.07
27	3892	6/12/2015	03 - 04	Night	< 0.01	5.05	5.06
28	596	1/25/2015	19 - 20	Night	< 0.01	5.03	5.03
29	4278	6/28/2015	05 - 06	Night	< 0.01	5.02	5.02
30	715	1/30/2015	18 - 19	Night	< 0.01	5.00	5.00
31	605	1/26/2015	04 - 05	Night	< 0.01	5.00	5.00
32	5900	9/3/2015	19 - 20	Night	< 0.01	4.98	4.98
33	5379	8/13/2015	02 - 03	Night	< 0.01	4.94	4.94
34	476	1/20/2015	19 - 20	Night	< 0.01	4.94	4.94
35	2836	4/29/2015	03 - 04	Night	< 0.01	4.92	4.92

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 124\_5  
No. of Exceedances 13  
Max Exceedance by 0.43 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	7707	11/18/2015	02 - 03	Night	< 0.01	5.43	5.43
2	7708	11/18/2015	03 - 04	Night	< 0.01	5.40	5.40
3	1253	2/22/2015	04 - 05	Night	< 0.01	5.37	5.37
4	1108	2/16/2015	03 - 04	Night	< 0.01	5.37	5.37
5	1902	3/21/2015	05 - 06	Night	< 0.01	5.36	5.36
6	1109	2/16/2015	04 - 05	Night	< 0.01	5.32	5.32
7	893	2/7/2015	04 - 05	Night	< 0.01	5.30	5.30
8	5357	8/12/2015	04 - 05	Night	< 0.01	5.22	5.23
9	794	2/3/2015	01 - 02	Night	< 0.01	5.17	5.17
10	1128	2/17/2015	23 - 00	Night	< 0.01	5.15	5.15
11	4729	7/17/2015	00 - 01	Night	< 0.01	5.11	5.11
12	3694	6/3/2015	21 - 22	Night	< 0.01	5.04	5.04
13	6556	10/1/2015	03 - 04	Night	< 0.01	5.04	5.04
14	461	1/20/2015	04 - 05	Night	< 0.01	5.00	5.00
15	5405	8/14/2015	04 - 05	Night	< 0.01	4.98	4.99
16	5953	9/6/2015	00 - 01	Night	< 0.01	4.94	4.94
17	1110	2/16/2015	05 - 06	Night	< 0.01	4.94	4.94

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 124\_10  
No. of Exceedances 13  
Max Exceedance by 0.31 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	3461	5/25/2015	04 - 05	Night	< 0.01	5.31	5.31
2	3741	6/5/2015	20 - 21	Night	< 0.01	5.30	5.31
3	8547	12/23/2015	02 - 03	Night	< 0.01	5.29	5.29
4	1132	2/17/2015	03 - 04	Night	< 0.01	5.26	5.26
5	697	1/30/2015	00 - 01	Night	< 0.01	5.23	5.23
6	7871	11/24/2015	22 - 23	Night	< 0.01	5.22	5.22
7	5118	8/2/2015	05 - 06	Night	< 0.01	5.14	5.14
8	6342	9/22/2015	05 - 06	Night	< 0.01	5.09	5.10
9	3408	5/23/2015	23 - 00	Night	< 0.01	5.09	5.09
10	1130	2/17/2015	01 - 02	Night	< 0.01	5.05	5.05
11	7158	10/26/2015	05 - 06	Night	< 0.01	5.05	5.05
12	76	1/4/2015	03 - 04	Night	< 0.01	5.04	5.05
13	6916	10/16/2015	03 - 04	Night	< 0.01	5.03	5.03
14	6722	10/8/2015	01 - 02	Night	< 0.01	4.93	4.93
15	1611	3/9/2015	02 - 03	Night	< 0.01	4.88	4.88
16	5142	8/3/2015	05 - 06	Night	< 0.01	4.86	4.87
17	2837	4/29/2015	04 - 05	Night	< 0.01	4.84	4.85

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): YAE02\_1.5

No. of Exceedances 15

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	600	1/26/2015	23 - 00	Night	< 0.01	6.34	6.34
2	1901	3/21/2015	04 - 05	Night	< 0.01	5.86	5.86
3	5662	8/24/2015	21 - 22	Night	< 0.01	5.78	5.78
4	715	1/30/2015	18 - 19	Night	< 0.01	5.55	5.55
5	3892	6/12/2015	03 - 04	Night	< 0.01	5.46	5.46
6	4461	7/5/2015	20 - 21	Night	< 0.01	5.45	5.46
7	6319	9/21/2015	06 - 07	Night	< 0.01	5.45	5.45
8	1247	2/21/2015	22 - 23	Night	< 0.01	5.40	5.40
9	6270	9/19/2015	05 - 06	Night	< 0.01	5.36	5.37
10	6556	10/1/2015	03 - 04	Night	< 0.01	5.33	5.33
11	4278	6/28/2015	05 - 06	Night	< 0.01	5.28	5.28
12	1128	2/17/2015	23 - 00	Night	< 0.01	5.22	5.22
13	596	1/25/2015	19 - 20	Night	< 0.01	5.21	5.22
14	738	1/31/2015	17 - 18	Night	< 0.01	5.20	5.20
15	5975	9/6/2015	22 - 23	Night	< 0.01	5.14	5.14
16	605	1/26/2015	04 - 05	Night	< 0.01	5.00	5.00
17	1852	3/19/2015	03 - 04	Night	< 0.01	4.95	4.96
18	139	1/6/2015	18 - 19	Night	< 0.01	4.91	4.92
19	5933	9/5/2015	04 - 05	Night	< 0.01	4.91	4.91

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): YAE02\_5

No. of Exceedances 4

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	600	1/26/2015	23 - 00	Night	< 0.01	5.81	5.81
2	1901	3/21/2015	04 - 05	Night	< 0.01	5.39	5.40
3	4461	7/5/2015	20 - 21	Night	< 0.01	5.11	5.12
4	5662	8/24/2015	21 - 22	Night	< 0.01	5.10	5.10
5	3892	6/12/2015	03 - 04	Night	< 0.01	4.96	4.96
6	6319	9/21/2015	06 - 07	Night	< 0.01	4.95	4.95
7	715	1/30/2015	18 - 19	Night	< 0.01	4.95	4.95
8	4278	6/28/2015	05 - 06	Night	< 0.01	4.93	4.93

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): YAE02\_10

No. of Exceedances 3

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	604	1/26/2015	03 - 04	Night	< 0.01	5.55	5.55
2	5142	8/3/2015	05 - 06	Night	< 0.01	5.04	5.04
3	6367	9/23/2015	06 - 07	Night	< 0.01	5.02	5.02
4	3746	6/6/2015	01 - 02	Night	< 0.01	5.00	5.00
5	6913	10/16/2015	00 - 01	Night	< 0.01	4.99	4.99
6	7205	10/28/2015	04 - 05	Night	< 0.01	4.97	4.98
7	8548	12/23/2015	03 - 04	Night	< 0.01	4.91	4.91

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 126\_1.5

No. of Exceedances 36

Max Exceedance by 1.15 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1254	2/22/2015	05 - 06	Night	< 0.01	6.15	6.15
2	4750	7/17/2015	21 - 22	Night	< 0.01	6.03	6.03
3	5233	8/7/2015	00 - 01	Night	< 0.01	6.02	6.02
4	4609	7/12/2015	00 - 01	Night	< 0.01	5.86	5.87
5	7197	10/27/2015	20 - 21	Night	< 0.01	5.77	5.77
6	1100	2/15/2015	19 - 20	Night	< 0.01	5.75	5.75
7	1110	2/16/2015	05 - 06	Night	< 0.01	5.67	5.67
8	461	1/20/2015	04 - 05	Night	< 0.01	5.66	5.66
9	3602	5/31/2015	01 - 02	Night	< 0.01	5.60	5.60
10	6405	9/24/2015	20 - 21	Night	< 0.01	5.59	5.59
11	5954	9/6/2015	01 - 02	Night	< 0.01	5.57	5.57
12	3724	6/5/2015	03 - 04	Night	< 0.01	5.46	5.46
13	7707	11/18/2015	02 - 03	Night	< 0.01	5.40	5.40
14	3988	6/16/2015	03 - 04	Night	< 0.01	5.36	5.37
15	91	1/4/2015	18 - 19	Night	< 0.01	5.34	5.34
16	5357	8/12/2015	04 - 05	Night	< 0.01	5.33	5.34
17	3990	6/16/2015	05 - 06	Night	< 0.01	5.32	5.32
18	5381	8/13/2015	04 - 05	Night	< 0.01	5.32	5.32
19	5523	8/19/2015	02 - 03	Night	< 0.01	5.29	5.29
20	476	1/20/2015	19 - 20	Night	< 0.01	5.27	5.27
21	1902	3/21/2015	05 - 06	Night	< 0.01	5.27	5.27
22	1099	2/15/2015	18 - 19	Night	< 0.01	5.25	5.26
23	6526	9/29/2015	21 - 22	Night	< 0.01	5.25	5.25
24	5759	8/28/2015	22 - 23	Night	< 0.01	5.24	5.24
25	1106	2/16/2015	01 - 02	Night	< 0.01	5.23	5.23
26	4301	6/29/2015	04 - 05	Night	< 0.01	5.19	5.19
27	4729	7/17/2015	00 - 01	Night	< 0.01	5.14	5.14
28	5213	8/6/2015	04 - 05	Night	< 0.01	5.13	5.13
29	3387	5/22/2015	02 - 03	Night	< 0.01	5.11	5.11
30	3601	5/31/2015	00 - 01	Night	< 0.01	5.09	5.09
31	4709	7/16/2015	04 - 05	Night	< 0.01	5.08	5.09
32	893	2/7/2015	04 - 05	Night	< 0.01	5.05	5.05
33	794	2/3/2015	01 - 02	Night	< 0.01	5.04	5.04
34	1253	2/22/2015	04 - 05	Night	< 0.01	5.03	5.04
35	3628	6/1/2015	03 - 04	Night	< 0.01	5.02	5.02
36	5379	8/13/2015	02 - 03	Night	< 0.01	5.02	5.02
37	5236	8/7/2015	03 - 04	Night	< 0.01	4.82	4.82
38	1108	2/16/2015	03 - 04	Night	< 0.01	4.81	4.81
39	482	1/21/2015	01 - 02	Night	< 0.01	4.80	4.80
40	7708	11/18/2015	03 - 04	Night	< 0.01	4.78	4.79

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 126\_5  
No. of Exceedances 8  
Max Exceedance by 0.61 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1254	2/22/2015	05 - 06	Night	< 0.01	5.61	5.61
2	4750	7/17/2015	21 - 22	Night	< 0.01	5.41	5.41
3	5233	8/7/2015	00 - 01	Night	< 0.01	5.36	5.37
4	4609	7/12/2015	00 - 01	Night	< 0.01	5.28	5.28
5	1110	2/16/2015	05 - 06	Night	< 0.01	5.27	5.27
6	7197	10/27/2015	20 - 21	Night	< 0.01	5.15	5.15
7	461	1/20/2015	04 - 05	Night	< 0.01	5.14	5.14
8	1100	2/15/2015	19 - 20	Night	< 0.01	5.08	5.08
9	476	1/20/2015	19 - 20	Night	< 0.01	4.98	4.98
10	1106	2/16/2015	01 - 02	Night	< 0.01	4.96	4.96
11	91	1/4/2015	18 - 19	Night	< 0.01	4.95	4.95
12	3990	6/16/2015	05 - 06	Night	< 0.01	4.92	4.92

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 126\_10  
No. of Exceedances 11  
Max Exceedance by 0.29 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	5694	8/26/2015	05 - 06	Night	< 0.01	5.29	5.29
2	7060	10/22/2015	03 - 04	Night	< 0.01	5.25	5.25
3	1951	3/23/2015	06 - 07	Night	< 0.01	5.20	5.20
4	1133	2/17/2015	04 - 05	Night	< 0.01	5.19	5.19
5	3459	5/25/2015	02 - 03	Night	< 0.01	5.16	5.16
6	482	1/21/2015	01 - 02	Night	< 0.01	5.14	5.14
7	7206	10/28/2015	05 - 06	Night	< 0.01	5.12	5.12
8	7968	11/29/2015	23 - 00	Night	< 0.01	5.09	5.09
9	80	1/4/2015	07 - 08	Night	< 0.01	5.07	5.08
10	6366	9/23/2015	05 - 06	Night	< 0.01	5.01	5.02
11	8544	12/23/2015	23 - 00	Night	< 0.01	5.01	5.01
12	1101	2/15/2015	20 - 21	Night	< 0.01	4.95	4.95
13	1103	2/15/2015	22 - 23	Night	< 0.01	4.95	4.95
14	483	1/21/2015	02 - 03	Night	< 0.01	4.92	4.92
15	6722	10/8/2015	01 - 02	Night	< 0.01	4.89	4.89

**Appendix 3.10  
Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 127\_1.5

No. of Exceedances 13

Max Exceedance by 0.33 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	1128	2/17/2015	23 - 00	Night	< 0.01	5.33	5.33
2	7708	11/18/2015	03 - 04	Night	< 0.01	5.32	5.32
3	1108	2/16/2015	03 - 04	Night	< 0.01	5.26	5.27
4	3694	6/3/2015	21 - 22	Night	< 0.01	5.26	5.26
5	1109	2/16/2015	04 - 05	Night	< 0.01	5.24	5.24
6	7707	11/18/2015	02 - 03	Night	< 0.01	5.18	5.18
7	5662	8/24/2015	21 - 22	Night	< 0.01	5.17	5.17
8	1253	2/22/2015	04 - 05	Night	< 0.01	5.15	5.15
9	6556	10/1/2015	03 - 04	Night	< 0.01	5.11	5.11
10	893	2/7/2015	04 - 05	Night	< 0.01	5.07	5.07
11	6270	9/19/2015	05 - 06	Night	< 0.01	5.06	5.06
12	1902	3/21/2015	05 - 06	Night	< 0.01	5.06	5.06
13	5953	9/6/2015	00 - 01	Night	< 0.01	5.04	5.04
14	4729	7/17/2015	00 - 01	Night	< 0.01	4.99	4.99
15	1901	3/21/2015	04 - 05	Night	< 0.01	4.98	4.98
16	5357	8/12/2015	04 - 05	Night	< 0.01	4.96	4.96
17	1852	3/19/2015	03 - 04	Night	< 0.01	4.86	4.86

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration:

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 127\_5

No. of Exceedances 0

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	7708	11/18/2015	03 - 04	Night	< 0.01	4.99	4.99
2	1128	2/17/2015	23 - 00	Night	< 0.01	4.95	4.95
3	1108	2/16/2015	03 - 04	Night	< 0.01	4.94	4.94
4	1109	2/16/2015	04 - 05	Night	< 0.01	4.90	4.90
5	1253	2/22/2015	04 - 05	Night	< 0.01	4.85	4.85
6	6556	10/1/2015	03 - 04	Night	< 0.01	4.80	4.80
7	893	2/7/2015	04 - 05	Night	< 0.01	4.75	4.75
8	7707	11/18/2015	02 - 03	Night	< 0.01	4.74	4.74
9	1902	3/21/2015	05 - 06	Night	< 0.01	4.74	4.74
10	3694	6/3/2015	21 - 22	Night	< 0.01	4.71	4.71



**Appendix 3.10**  
**Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone**

Detailed Breakdown of Results

For each asr, all results are ranked from highest to lowest cumulative concentration.

Hours with exceedance + next 4 hours are extracted for presentation

Additional ASRs within Odour Exceedance Zone

ASR & Height (mAG): 127\_10

No. of Exceedances 2

Max Exceedance by 0.03 ou/m<sup>3</sup>

Rank (1 = highest concentration)	Hour	Date	Hour	Day/Night	Project Contribution	Chicken Farm Contribution	Max. Cumulative Odour Concentration (OU/m <sup>3</sup> )
1	7871	11/24/2015	22 - 23	Night	< 0.01	5.03	5.03
2	5118	8/2/2015	05 - 06	Night	< 0.01	5.00	5.01
3	697	1/30/2015	00 - 01	Night	< 0.01	4.99	5.00
4	6342	9/22/2015	05 - 06	Night	< 0.01	4.98	4.98
5	8547	12/23/2015	02 - 03	Night	< 0.01	4.95	4.96
6	76	1/4/2015	03 - 04	Night	< 0.01	4.92	4.92

Appendix 3.10  
 Frequency and Magnitude of Odour Exceedance for ASRs within Exceedance Zone

YLSEPP (Operation)

Additional ASRs within Odour Exceedance Zone

**Predicted Maximum Project Alone 5-second Average Odour Concentration, OU/m<sup>3</sup>**

Receptor ID	Height (mAG)	Maximum Project Alone Contribution
112-113	1.5	0.49
112-113	5	0.47
112-113	10	0.43
114	1.5	0.51
114	5	0.49
114	10	0.44
116	1.5	0.51
116	5	0.49
116	10	0.44
YAE01	1.5	0.51
YAE01	5	0.49
118	1.5	0.54
118	5	0.52
118	10	0.47
119	1.5	0.54
119	5	0.53
119	10	0.48
123	1.5	0.54
123	5	0.52
123	10	0.47
124	1.5	0.51
124	5	0.50
124	10	0.45
YAE02	1.5	0.55
YAE02	5	0.54
YAE02	10	0.49
126	1.5	0.48
126	5	0.46
126	10	0.43
127	1.5	0.53
127	5	0.51
127	10	0.47

Note: Bolded value indicates exceedance of the Criteria at 5 ou/m<sup>3</sup>