

Appendix 3.15

Detail Prediction of Cumulative Odour Concentration due to Existing Chicken Farm

Appendix 3.15 Detail Prediction of Cumulative Odour Concentration (OU/m³) due to Existing Chicken Farm

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
2-18	P1037	1.5	0.4
2-18	P1037	5	0.4
2-18	P1037	10	0.7
2-18	P1038	1.5	0.3
2-18	P1038	5	0.3
2-18	P1038	10	0.6
2-19	P1039	1.5	0.4
2-19	P1039	5	0.3
2-19	P1039	10	0.7
2-19	P1040	1.5	0.3
2-19	P1040	5	0.3
2-19	P1040	10	0.7
2-19	P1041	1.5	0.3
2-19	P1041	5	0.3
2-19	P1041	10	0.6
2-20	P1042	1.5	1.2
2-20	P1042	5	1.2
2-20	P1042	10	1.3
2-20	P1042	20	0.3
2-20	P1043	1.5	0.6
2-20	P1043	5	0.6
2-20	P1043	10	1.1
2-20	P1043	20	0.3
2-20	P1044	1.5	0.6
2-20	P1044	5	0.6
2-20	P1044	10	1.0
2-20	P1044	20	0.2
2-20	P1045	1.5	0.5
2-20	P1045	5	0.5
2-20	P1045	10	0.9
2-20	P1045	20	0.3
2-21	P1046	1.5	0.6
2-21	P1046	5	0.6
2-21	P1046	10	0.9
2-21	P1046	20	0.2
2-21	P1046	40	0.1
2-21	P1047	1.5	0.3
2-21	P1047	5	0.3
2-21	P1047	10	0.6
2-21	P1047	20	0.2
2-21	P1047	40	0.0
2-21	P1048	1.5	0.3
2-21	P1048	5	0.3
2-21	P1048	10	0.7
2-21	P1048	20	0.3
2-21	P1048	40	0.0
2-22	P1049	1.5	0.3
2-22	P1049	5	0.3
2-22	P1049	10	0.6
2-22	P1049	20	0.2
2-22	P1049	30	0.1
2-22	P1050	1.5	0.3
2-22	P1050	5	0.3
2-22	P1050	10	0.6
2-22	P1050	20	0.3
2-22	P1050	30	0.1
2-22	P1051	1.5	0.3
2-22	P1051	5	0.3
2-22	P1051	10	0.6
2-22	P1051	20	0.2

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
2-22	P1051	30	0.1
2-22	P1052	1.5	0.3
2-22	P1052	5	0.3
2-22	P1052	10	0.6
2-22	P1052	20	0.3
2-22	P1052	30	0.1
2-24	P1053	1.5	0.2
2-24	P1053	5	0.2
2-24	P1053	10	0.5
2-24	P1053	20	0.2
2-24	P1053	40	0.0
2-24	P1054	1.5	0.2
2-24	P1054	5	0.2
2-24	P1054	10	0.5
2-24	P1054	20	0.2
2-24	P1054	40	0.0
2-25	P1055	1.5	0.3
2-25	P1055	5	0.3
2-25	P1055	10	0.6
2-25	P1055	20	0.3
2-25	P1055	30	0.1
2-25	P1056	1.5	0.2
2-25	P1056	5	0.2
2-25	P1056	10	0.6
2-25	P1056	20	0.3
2-25	P1056	30	0.1
2-25	P1057	1.5	0.3
2-25	P1057	5	0.2
2-25	P1057	10	0.6
2-25	P1057	20	0.2
2-25	P1057	30	0.1
2-25	P1058	1.5	0.2
2-25	P1058	5	0.2
2-25	P1058	10	0.5
2-25	P1058	20	0.2
2-25	P1058	30	0.1
2-26	P1059	1.5	0.5
2-26	P1059	5	0.5
2-26	P1059	10	0.9
2-26	P1059	20	0.3
2-26	P1059	40	0.1
2-26	P1060	1.5	0.6
2-26	P1060	5	0.5
2-26	P1060	10	0.8
2-26	P1060	20	0.2
2-26	P1060	40	0.1
2-26	P1061	1.5	0.3
2-26	P1061	5	0.3
2-26	P1061	10	0.6
2-26	P1061	20	0.3
2-26	P1061	40	0.0
2-26	P1062	1.5	0.3
2-26	P1062	5	0.3
2-26	P1062	10	0.7
2-26	P1062	20	0.3
2-26	P1062	40	0.0
2-28	P1063	1.5	0.4
2-28	P1063	5	0.4
2-28	P1063	10	1.1
2-28	P1063	20	0.3
2-28	P1063	40	0.1
2-28	P1064	1.5	0.5

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
2-28	P1064	5	0.5
2-28	P1064	10	1.1
2-28	P1064	20	0.3
2-28	P1064	40	0.0
2-28	P1065	1.5	0.5
2-28	P1065	5	0.5
2-28	P1065	10	1.0
2-28	P1065	20	0.3
2-28	P1065	40	0.0
2-29	P1066	1.5	0.6
2-29	P1066	5	0.6
2-29	P1066	10	1.0
2-29	P1066	20	0.3
2-29	P1066	40	0.1
2-29	P1066	50	0.1
2-29	P1067	1.5	0.5
2-29	P1067	5	0.5
2-29	P1067	10	1.1
2-29	P1067	20	0.3
2-29	P1067	40	0.1
2-29	P1067	50	0.0
2-29	P1068	1.5	0.8
2-29	P1068	5	0.8
2-29	P1068	10	1.5
2-29	P1068	20	0.3
2-29	P1068	40	0.1
2-29	P1068	50	0.0
2-29	P1069	1.5	0.6
2-29	P1069	5	0.6
2-29	P1069	10	1.2
2-29	P1069	20	0.3
2-29	P1069	40	0.1
2-29	P1069	50	0.0
2-30	P1001	1.5	0.3
2-30	P1001	5	0.3
2-30	P1001	10	0.8
2-30	P1001	20	0.2
2-30	P1001	40	0.0
2-30	P1001	80	0.0
2-30	P1001	120	0.0
2-30	P1002	1.5	0.4
2-30	P1002	5	0.4
2-30	P1002	10	0.8
2-30	P1002	20	0.2
2-30	P1002	40	0.0
2-30	P1002	80	0.0
2-30	P1002	120	0.0
2-30	P1003	1.5	0.3
2-30	P1003	5	0.3
2-30	P1003	10	0.7
2-30	P1003	20	0.2
2-30	P1003	40	0.0
2-30	P1003	80	0.0
2-30	P1003	120	0.0
2-30	P1004	1.5	0.2
2-30	P1004	5	0.2
2-30	P1004	10	0.6
2-30	P1004	20	0.2
2-30	P1004	40	0.0
2-30	P1004	80	0.0
2-30	P1004	120	0.0
2-30	P1005	1.5	0.4

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
2-30	P1005	5	0.4
2-30	P1005	10	0.9
2-30	P1005	20	0.3
2-30	P1005	40	0.0
2-30	P1005	80	0.0
2-30	P1005	120	0.0
2-30	P1006	1.5	0.3
2-30	P1006	5	0.3
2-30	P1006	10	0.7
2-30	P1006	20	0.3
2-30	P1006	40	0.0
2-30	P1006	80	0.0
2-30	P1006	120	0.0
2-31	P1007	1.5	0.3
2-31	P1007	5	0.3
2-31	P1007	10	0.6
2-31	P1007	20	0.3
2-31	P1007	40	0.0
2-31	P1007	80	0.0
2-31	P1007	120	0.0
2-33	P1008	1.5	0.6
2-33	P1008	5	0.6
2-33	P1008	10	1.2
2-33	P1008	20	0.2
2-33	P1008	40	0.1
2-33	P1009	1.5	0.3
2-33	P1009	5	0.3
2-33	P1009	10	0.9
2-33	P1009	20	0.2
2-33	P1009	40	0.0
2-33	P1010	1.5	0.7
2-33	P1010	5	0.7
2-33	P1010	10	1.4
2-33	P1010	20	0.2
2-33	P1010	40	0.1
2-33	P1011	1.5	0.4
2-33	P1011	5	0.4
2-33	P1011	10	1.0
2-33	P1011	20	0.3
2-33	P1011	40	0.1
3-1	P1018	1.5	2.8
3-1	P1018	5	2.5
3-1	P1018	10	1.5
3-1	P1018	20	0.3
3-1	P1018	40	0.1
3-1	P1018	80	0.0
3-1	P1019	1.5	7.8
3-1	P1019	5	5.4
3-1	P1019	10	1.1
3-1	P1019	20	0.4
3-1	P1019	40	0.2
3-1	P1019	80	0.1
3-1	P1019	6	4.9
3-1	P1020	1.5	1.4
3-1	P1020	5	1.3
3-1	P1020	10	1.4
3-1	P1020	20	0.2
3-1	P1020	40	0.1
3-1	P1020	80	0.1
3-1	P1021	1.5	1.4
3-1	P1021	5	1.3
3-1	P1021	10	1.4

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
3-1	P1021	20	0.3
3-1	P1021	40	0.1
3-1	P1021	80	0.0
3-13	P1012	1.5	0.2
3-13	P1012	5	0.2
3-13	P1012	10	0.5
3-13	P1012	20	0.3
3-13	P1012	40	0.1
3-13	P1012	80	0.0
3-13	P1013	1.5	0.2
3-13	P1013	5	0.2
3-13	P1013	10	0.5
3-13	P1013	20	0.2
3-13	P1013	40	0.1
3-13	P1013	80	0.1
3-15	P1014	1.5	0.3
3-15	P1014	5	0.3
3-15	P1014	10	0.6
3-15	P1014	20	0.3
3-15	P1014	40	0.0
3-15	P1014	80	0.0
3-15	P1014	90	0.0
3-15	P1015	1.5	0.2
3-15	P1015	5	0.2
3-15	P1015	10	0.7
3-15	P1015	20	0.3
3-15	P1015	40	0.1
3-15	P1015	80	0.0
3-15	P1015	90	0.0
3-15	P1016	1.5	0.4
3-15	P1016	5	0.4
3-15	P1016	10	0.7
3-15	P1016	20	0.2
3-15	P1016	40	0.1
3-15	P1016	80	0.1
3-15	P1016	90	0.1
3-15	P1017	1.5	0.5
3-15	P1017	5	0.5
3-15	P1017	10	1.0
3-15	P1017	20	0.2
3-15	P1017	40	0.1
3-15	P1017	80	0.0
3-15	P1017	90	0.0
3-4	P1022	1.5	0.5
3-4	P1022	5	0.5
3-4	P1022	10	1.0
3-4	P1022	20	0.3
3-4	P1022	40	0.2
3-4	P1022	80	0.1
3-4	P1023	1.5	1.1
3-4	P1023	5	1.1
3-4	P1023	10	1.3
3-4	P1023	20	0.2
3-4	P1023	40	0.1
3-4	P1023	80	0.0
3-4	P1024	1.5	2.0
3-4	P1024	5	1.8
3-4	P1024	10	1.6
3-4	P1024	20	0.2
3-4	P1024	40	0.1
3-4	P1024	80	0.0
3-5	P1025	1.5	0.5

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
3-5	P1025	5	0.5
3-5	P1025	10	0.9
3-5	P1025	20	0.2
3-5	P1025	40	0.1
3-5	P1025	80	0.1
3-5	P1026	1.5	0.4
3-5	P1026	5	0.3
3-5	P1026	10	0.8
3-5	P1026	20	0.2
3-5	P1026	40	0.1
3-5	P1026	80	0.1
3-5	P1027	1.5	1.1
3-5	P1027	5	1.0
3-5	P1027	10	1.3
3-5	P1027	20	0.3
3-5	P1027	40	0.1
3-5	P1027	80	0.1
3-5	P1028	1.5	0.9
3-5	P1028	5	0.9
3-5	P1028	10	1.2
3-5	P1028	20	0.3
3-5	P1028	40	0.2
3-5	P1028	80	0.1
3-6	P1029	1.5	0.3
3-6	P1029	5	0.3
3-6	P1029	10	0.6
3-6	P1029	20	0.2
3-6	P1029	40	0.0
3-6	P1029	80	0.0
3-6	P1030	1.5	0.4
3-6	P1030	5	0.4
3-6	P1030	10	0.7
3-6	P1030	20	0.2
3-6	P1030	40	0.1
3-6	P1030	80	0.0
3-6	P1031	1.5	0.3
3-6	P1031	5	0.3
3-6	P1031	10	0.7
3-6	P1031	20	0.2
3-6	P1031	40	0.1
3-6	P1031	80	0.1
3-6	P1032	1.5	0.3
3-6	P1032	5	0.3
3-6	P1032	10	0.7
3-6	P1032	20	0.2
3-6	P1032	40	0.1
3-6	P1032	80	0.1
3-7	P1033	1.5	0.2
3-7	P1033	5	0.2
3-7	P1033	10	0.5
3-7	P1033	20	0.2
3-7	P1033	40	0.1
3-7	P1033	80	0.1
3-7	P1034	1.5	0.2
3-7	P1034	5	0.2
3-7	P1034	10	0.5
3-7	P1034	20	0.2
3-7	P1034	40	0.1
3-7	P1034	80	0.1
3-7	P1035	1.5	0.2
3-7	P1035	5	0.2
3-7	P1035	10	0.6

Odour Concentration (OU/m³)

Site	Receptor ID	Height (mAG)	Maximum 5-second Odour Concentration
3-7	P1035	20	0.2
3-7	P1035	40	0.1
3-7	P1035	80	0.1
3-8	P1036	1.5	0.2
3-8	P1036	5	0.2
3-8	P1036	10	0.4
3-8	P1036	20	0.2
3-8	P1036	40	0.0
3-8	P1036	80	0.0
Existing	A1001	1.5	0.1
Existing	A1001	5	0.1
Existing	A1001	10	0.5
Existing	A1002	1.5	0.6
Existing	A1002	5	0.6
Existing	A1002	10	1.0
Existing	A1003	1.5	0.4
Existing	A1003	5	0.4
Existing	A1003	10	0.8
Existing	A1004	1.5	0.3
Existing	A1004	5	0.3
Existing	A1004	10	0.6
Existing	A1005	1.5	0.3
Existing	A1005	5	0.3
Existing	A1005	10	0.7