

11 Appendices

Appendix A

Audit Monitoring Supply Point: Handois WTW

Substances and parameters	Specific concentration or value (maximum or state)	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.06	<0.06	<0.06	12	100
Boron	1.0 mg B/l	<0.040	0.085	0.225	12	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	13	100
Cyanide	50 µg CN/l	<5	<5	<5	12	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	11	100
Fluoride	1.5 mg F/l	<0.05	0.06	0.11	12	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	<0.002	12	100
Linuron ¹	0.1 µg/l	<0.010	<0.010	0.055	38	100
Diuron ¹	0.1 µg/l	<0.010	<0.010	0.036	38	100
Carbetamide ¹	0.1 µg/l	<0.010	<0.010	0.045	38	100
Monolinuron ¹	0.1 µg/l	<0.010	<0.010	0.012	38	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.012	38	100
Triclopyr ¹	0.1 µg/l	<0.010	<0.010	0.016	37	100
Atrazine ¹	0.1 µg/l	<0.010	<0.010	0.023	38	100
Simazine ¹	0.1 µg/l	<0.010	<0.010	0.023	38	100
Propazine ¹	0.1 µg/l	<0.010	<0.010	0.017	38	100
Terbutryn ¹	0.1 µg/l	<0.010	<0.010	0.015	38	100
Cyanazine ¹	0.1 µg/l	<0.010	0.040	0.144	38	95
Terbutylazine ¹	0.1 µg/l	<0.010	<0.010	0.021	37	100
Tebuconazole ¹	0.1 µg/l	<0.010	<0.010	0.016	38	100
Dalapon ¹	0.1 µg/l	<0.010	0.020	0.039	8	100
Pesticides total	0.5 µg/l	0.034	0.086	0.201	12	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	12	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	0.17	12	100
Chloride	250 mg Cl/l	56.6	61.9	64.8	12	100
Sulphate	250 mg SO ₄ /l	84.9	94.0	114.0	12	100
Total Organic Carbon	No abnormal change	1.77	2.12	2.45	12	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	12	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	12	100
Gross beta	0.1 Bq/l	0.10	0.22	0.30	12	100

¹ Detected pesticide - 68 other pesticides analysed for and not detected

11 Appendices (continued)

Appendix B Audit Monitoring Supply Point: Augrès WTW

Substances and parameters	Specific concentration or value (maximum or state)	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.06	<0.06	<0.06	12	100
Boron	1.0 mg B/l	0.045	0.085	0.129	12	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	12	100
Cyanide	50 µg CN/l	<5	<5	<5	12	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	12	100
Fluoride	1.5 mg F/l	<0.05	0.05	0.09	12	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.002	12	100
Linuron ¹	0.1 µg/l	<0.010	<0.010	0.023	38	100
Diuron ¹	0.1 µg/l	<0.010	0.012	0.064	38	100
Carbetamide ¹	0.1 µg/l	<0.010	<0.010	0.034	38	100
Mecoprop ¹	0.1 µg/l	<0.010	0.015	0.260	38	95
Atrazine ¹	0.1 µg/l	<0.010	0.016	0.033	38	100
Simazine ¹	0.1 µg/l	<0.010	<0.010	0.027	38	100
Propazine ¹	0.1 µg/l	<0.010	<0.010	0.016	38	100
Terbutryn ¹	0.1 µg/l	<0.010	<0.010	0.012	38	100
Cyanazine ¹	0.1 µg/l	<0.010	0.074	1.410	38	95
Terbutylazine ¹	0.1 µg/l	<0.010	0.033	0.020	38	100
Propiconazole ¹	0.1 µg/l	<0.010	<0.010	0.018	38	100
Tebuconazole ¹	0.1 µg/l	<0.010	<0.010	0.016	38	100
Dalapon ¹	0.1 µg/l	<0.010	<0.010	0.027	10	100
Pesticides total	0.5 µg/l	0.035	0.143	1.486	38	97
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	12	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	0.251	12	100
Chloride	250 mg Cl/l	48.5	55.9	60.2	12	100
Sulphate	250 mg SO ₄ /l	77.4	89.9	95.7	12	100
Total Organic Carbon	No abnormal change	1.87	2.25	2.54	12	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	12	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.04	12	100
Gross beta	0.1 Bq/l	0.19	0.25	0.34	12	100

¹ Detected pesticide - 75 other pesticides analysed for and not detected.

11 Appendices (continued)

Appendix C

Audit Monitoring Supply Point: Les Platons Service Reservoir, East Compartment ¹

Substances and parameters	Specific concentration or value (maximum or state)	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.06	<0.06	<0.06	4	100
Boron	1.0 mg B/l	<0.04	0.055	0.083	4	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	4	100
Cyanide	50 µg CN/l	<5	<5	<5	4	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	4	100
Fluoride	1.5 mg F/l	0.06	0.10	0.15	4	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	<0.002	4	100
Carbetamide ²	0.1 µg/l	<0.010	<0.010	0.018	4	100
Monolinuron ²	0.1 µg/l	<0.010	<0.010	0.012	4	100
Atrazine ²	0.1 µg/l	<0.010	0.014	0.021	4	100
Simazine ²	0.1 µg/l	<0.010	0.010	0.018	4	100
Cyanazine ²	0.1 µg/l	0.027	0.052	0.087	4	100
Tebuconazole ²	0.1 µg/l	<0.010	<0.010	0.023	4	100
Hexachlorobenzene ²	0.1 µg/l	<0.001	<0.001	0.0012	4	100
Dalapon ²	0.1 µg/l	<0.010	0.017	0.028	3	100
Glyphosate ²	0.1 µg/l	<0.010	<0.010	0.032	4	100
Pesticides total	0.5 µg/l	0.056	0.110	0.196	4	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	4	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	<0.12	4	100
Chloride	250 mg Cl/l	57.8	62.5	72.9	4	100
Sulphate	250 mg SO ₄ /l	86.6	91.1	93.4	4	100
Total Organic Carbon	No abnormal change	1.80	2.02	2.25	4	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	4	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	4	100
Gross beta	0.1 Bq/l	0.15	0.19	0.23	4	100

¹ The Les Platons service reservoirs were sampled at the same frequency as Westmount but due to their being in service for only part of the year they do not have the full annual quota of samples taken.

² Detected pesticide - 74 other pesticides analysed for and not detected.

11 Appendices (continued)

Appendix D

Audit Monitoring Supply Point: Les Platons Service Reservoir, West Compartment ¹

Substances and parameters	Specific concentration or value (maximum or state)	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.06	<0.06	<0.06	7	100
Boron	1.0 mg B/l	<0.04	0.077	0.121	7	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	7	100
Cyanide	50 µg CN/l	<5	<5	13.0	7	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	7	100
Fluoride	1.5 mg F/l	0.06	0.10	0.24	7	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.003	7	100
Diuron ²	0.1 µg/l	<0.010	<0.010	0.022	7	100
Carbetamide ²	0.1 µg/l	<0.010	<0.010	0.015	7	100
Monolinuron ²	0.1 µg/l	<0.010	<0.010	0.012	7	100
Atrazine ²	0.1 µg/l	<0.010	<0.010	0.020	7	100
Simazine ²	0.1 µg/l	<0.010	<0.010	0.012	7	100
Cyanazine ²	0.1 µg/l	0.025	0.034	0.060	7	100
Terbutylazine ²	0.1 µg/l	<0.010	<0.010	0.013	7	100
Dalapon ²	0.1 µg/l	<0.010	0.017	0.024	7	100
Pesticides total	0.5 µg/l	0.026	0.079	0.196	7	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	7	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	<0.12	6	100
Chloride	250 mg Cl/l	57.9	64.3	79.8	7	100
Sulphate	250 mg SO ₄ /l	67.0	88.1	97.3	7	100
Total Organic Carbon	No abnormal change	1.83	2.06	2.26	7	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	7	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.04	7	100
Gross beta	0.1 Bq/l	0.16	0.20	0.22	7	100

¹ The Les Platons service reservoirs were sampled at the same frequency as Westmount but due to their being in service for only part of the year they do not have the full annual quota of samples taken.

² Detected pesticide - 75 other pesticides analysed for and not detected.

11 Appendices (continued)

Appendix E

Audit Monitoring Supply Point: Westmount Service Reservoir

Substances and parameters	Specific concentration or value (maximum or state)	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.06	<0.06	<0.06	12	100
Boron	1.0 mg B/l	0.055	0.090	0.147	12	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	12	100
Cyanide	50 µg CN/l	<5	<5	<5	12	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	12	100
Fluoride	1.5 mg F/l	0.05	0.08	0.15	12	100
Mercury	1.0 µg Hg/l	<0.002	0.003	0.015	12	100
Linuron ¹	0.1 µg/l	<0.010	<0.010	0.065	12	100
Diuron ¹	0.1 µg/l	<0.010	<0.010	0.047	12	100
Methabenzthiazuron ¹	0.1 µg/l	<0.010	<0.010	0.015	12	100
Carbetamide ¹	0.1 µg/l	<0.010	<0.010	0.043	12	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.030	12	100
Atrazine ¹	0.1 µg/l	<0.010	<0.010	0.020	12	100
Simazine ¹	0.1 µg/l	<0.010	<0.010	0.021	12	100
Propazine ¹	0.1 µg/l	<0.010	<0.010	0.013	12	100
Terbutryn ¹	0.1 µg/l	<0.010	<0.010	0.010	12	100
Cyanazine ¹	0.1 µg/l	0.023	0.053	0.121	12	83
Terbutylazine ¹	0.1 µg/l	<0.010	<0.010	0.029	11	100
Dalapon ¹	0.1 µg/l	<0.010	0.024	0.042	9	100
Pesticides total	0.5 µg/l	0.035	0.123	0.332	12	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	12	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	<0.12	12	100
Chloride	250 mg Cl/l	55.8	60.5	65.1	12	100
Sulphate	250 mg SO ₄ /l	80.4	88.7	97.8	11	100
Total Organic Carbon	No abnormal change	1.89	2.32	3.75	12	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	12	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	12	100
Gross beta	0.1 Bq/l	0.06	0.21	0.33	12	100

¹ Detected pesticide – 75 other pesticides analysed for and not detected.



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