

8 Appendices

Appendix A

Audit Monitoring: Handois TW

Substances and parameters	Specific concentration or value (maximum) or state	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.060	<0.060	<0.060	10	100
Boron	1.0 mg B/l	<0.040	0.079	0.342	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<5	<5	<5	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	<0.050	<0.050	0.0900	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.003	10	100
Linuron ¹	0.1 µg/l	<0.004	0.008	0.066	36	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.018	36	100
M.C.P.A. ¹	0.1 µg/l	<0.010	<0.010	0.030	36	100
2,4-D ¹	0.1 µg/l	<0.010	0.012	0.080	36	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.022	36	100
Atrazine ¹	0.1 µg/l	<0.002	<0.002	0.010	36	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.020	36	100
Terbutryn ¹	0.1 µg/l	<0.003	<0.003	0.022	36	100
Terbuthylazine ¹	0.1 µg/l	<0.002	<0.002	0.004	36	100
Lindane ¹	0.1 µg/l	<0.010	<0.010	0.026	10	100
Metoxuron ¹	0.1 µg/l	<0.003	<0.003	0.006	4	100
Dalapon ¹	0.1 µg/l	<0.010	0.014	0.040	23	100
Pesticides total	0.5 µg/l	<0.010	0.036	0.181	36	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.3	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.1	10	100
Chloride	250 mg Cl/l	63.6	66.1	72.8	10	100
Sulphate	250 mg SO ₄ /l	82.1	91.7	100.0	10	100
Total Organic Carbon	No abnormal change	1.71	2.02	2.56	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta	1.0 Bq/l	0.16	0.19	0.23	10	100

¹ Detected pesticide - 73 other pesticides analysed for and not detected.

8 Appendices (continued)

Appendix B

Audit Monitoring: Augres TW

Substances and parameters	Specific concentration or value (maximum) or state	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.060	<0.060	<0.060	10	100
Boron	1.0 mg B/l	<0.040	0.058	0.128	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<5	<5	<5	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	<0.050	<0.050	0.080	10	100
Mercury	1.0 µg Hg/l	<0.002	0.003	0.007	10	100
Isoproturon ¹	0.1 µg/l	<0.003	<0.003	0.006	36	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.013	36	100
Carbetamide ¹	0.1 µg/l	<0.005	<0.005	0.006	36	100
M.C.P.A. ¹	0.1 µg/l	<0.010	<0.010	0.016	36	100
M.C.P.B. ¹	0.1 µg/l	<0.010	<0.010	0.012	36	100
2,4-D ¹	0.1 µg/l	<0.010	<0.010	0.019	36	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.024	36	100
Dichlorprop ¹	0.1 µg/l	<0.010	<0.010	0.013	36	100
Atrazine ¹	0.1 µg/l	<0.002	0.004	0.015	36	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.006	36	100
Terbutryn ¹	0.1 µg/l	<0.004	<0.004	0.015	36	100
Cyanazine ¹	0.1 µg/l	<0.007	<0.007	0.019	36	100
Tebuconazole ¹	0.1 µg/l	<0.002	<0.002	0.011	36	100
Dalapon ¹	0.1 µg/l	<0.010	0.015	0.047	23	100
Pesticides total	0.5 µg/l	<0.010	0.021	0.054	36	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	0.14	0.40	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.2	10	100
Chloride	250 mg Cl/l	54.8	60.0	65.3	10	100
Sulphate	250 mg SO ₄ /l	82.4	90.8	96.8	10	100
Total Organic Carbon	No abnormal change	1.79	2.00	2.20	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta	1.0 Bq/l	0.18	0.21	0.24	10	100

¹ Detected pesticide - 71 other pesticides analysed for and not detected.

8 Appendices (continued)

Appendix C

Audit Monitoring: Les Platons Service Reservoir, East Compartment

Substances and parameters	Specific concentration or value (maximum) or state	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.060	<0.060	<0.060	10	100
Boron	1.0 mg B/l	<0.040	0.067	0.145	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<5	<5	<5	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	<0.05	0.055	0.090	10	100
Mercury	1.0 µg Hg/l	<0.002	0.002	0.010	10	100
Isoproturon ¹	0.1 µg/l	<0.003	<0.003	0.004	10	100
Linuron ¹	0.1 µg/l	<0.004	0.007	0.024	10	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.008	10	100
M.C.P.A. ¹	0.1 µg/l	<0.010	<0.010	0.010	10	100
2,4-D ¹	0.1 µg/l	<0.010	0.016	0.056	10	100
Atrazine ¹	0.1 µg/l	<0.002	<0.002	0.006	10	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.017	10	100
Terbutryn ¹	0.1 µg/l	<0.002	0.004	0.022	10	100
Terbuthylazine ¹	0.1 µg/l	<0.002	<0.002	0.012	10	100
Propiconazole ¹	0.1 µg/l	<0.004	<0.004	0.006	10	100
Tebuconazole ¹	0.1 µg/l	<0.003	<0.003	0.003	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.016	0.034	10	100
Pesticides total	0.5 µg/l	<0.010	0.051	0.095	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	0.11	0.70	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.1	10	100
Chloride	250 mg Cl/l	61.8	65.8	69.7	10	100
Sulphate	250 mg SO ₄ /l	83.6	95.8	106.0	10	100
Total Organic Carbon	No abnormal change	1.73	2.05	2.35	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta	1.0 Bq/l	0.14	0.18	0.23	10	100

¹ Detected pesticide - 73 other pesticides analysed for and not detected.

8 Appendices (continued)

Appendix D

Audit Monitoring: Les Platons Service Reservoir, West Compartment

Substances and parameters	Specific concentration or value (maximum) or state	Min	Mean	Max	No. of samples	% compliance
Benzene	1.0 µg/l	<0.060	<0.060	<0.060	10	100
Boron	1.0 mg B/l	<0.040	<0.040	0.128	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<5	<5	<5	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	<0.05	0.11	0.54	10	100
Mercury	1.0 µg Hg/l	<0.002	0.013	0.116	10	100
Linuron ¹	0.1 µg/l	<0.004	0.005	0.029	10	100
M.C.P.A. ¹	0.1 µg/l	<0.009	<0.009	0.009	10	100
2,4-D ¹	0.1 µg/l	<0.011	<0.011	0.038	10	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.015	10	100
Atrazine ¹	0.1 µg/l	<0.002	<0.002	0.003	10	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.007	10	100
Terbutryn ¹	0.1 µg/l	<0.003	<0.003	0.014	10	100
Terbuthylazine ¹	0.1 µg/l	<0.002	<0.002	0.004	10	100
Propiconazole ¹	0.1 µg/l	<0.004	<0.004	0.006	10	100
Tebuconazole ¹	0.1 µg/l	<0.003	<0.003	0.011	10	100
HCH Alpha ¹	0.1 µg/l	<0.010	<0.010	0.023	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.019	0.033	10	100
Pesticides total	0.5 µg/l	<0.010	0.052	0.107	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.4	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.2	10	100
Chloride	250 mg Cl/l	61.3	66.2	71.6	10	100
Sulphate	250 mg SO ₄ /l	83.3	93.0	103.0	10	100
Total Organic Carbon	No abnormal change	1.77	1.95	2.39	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta	1.0 Bq/l	0.12	0.18	0.21	10	100

¹ Detected pesticide - 73 other pesticides analysed for and not detected.

8 Appendices (continued)

Appendix E

Audit Monitoring: 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	<0.060	<0.060	<0.060	10	100
Boron	1.0 mg B/l	<0.040	0.072	0.146	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	3.30	10	100
Cyanide	50 µg CN/l	<5	<5	<5	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	<0.05	0.11	0.76	10	100
Mercury	1.0 µg Hg/l	<0.002	0.005	0.028	10	100
Linuron ¹	0.1 µg/l	<0.010	<0.010	0.062	10	100
M.C.P.A. ¹	0.1 µg/l	<0.009	<0.009	0.017	10	100
2,4-D ¹	0.1 µg/l	<0.011	<0.011	0.038	10	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.020	10	100
Atrazine ¹	0.1 µg/l	<0.002	0.003	0.007	10	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.010	10	100
Terbutryn ¹	0.1 µg/l	<0.003	0.005	0.018	10	100
Cyanazine ¹	0.1 µg/l	<0.002	<0.002	0.008	10	100
Propiconazole ¹	0.1 µg/l	<0.003	<0.003	0.005	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.015	0.029	10	100
Pesticides total	0.5 µg/l	<0.010	0.046	0.112	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.10	0.130	0.40	10	100
Tetrachloromethane	3 µg/l	<0.10	<0.10	0.20	10	100
Chloride	250 mg Cl/l	58.4	63.3	66.7	10	100
Sulphate	250 mg SO ₄ /l	78.2	90.1	96.6	10	100
Total Organic Carbon	No abnormal change	1.67	2.10	2.92	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta	1.0 Bq/l	0.17	0.20	0.24	10	100

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



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