

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	<0.06	<0.06	<0.06	10	100
Boron	1.0 mg B/l	<0.040	0.119	0.311	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	<0.05	0.16	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.008	10	100
Chlortoluron ¹	0.1 µg/l	<0.003	<0.003	0.008	36	100
Isoproturon ¹	0.1 µg/l	<0.004	<0.004	0.004	36	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.008	36	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.013	36	100
Chlorpropham ¹	0.1 µg/l	<0.036	<0.036	0.040	35	100
Atrazine ¹	0.1 µg/l	<0.002	0.002	0.009	36	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.012	36	100
Propazine ¹	0.1 µg/l	<0.004	<0.004	0.011	36	100
Terbutryne ¹	0.1 µg/l	<0.003	<0.003	0.015	36	100
Terbutylazine ¹	0.1 µg/l	<0.002	<0.002	0.004	36	100
Dalapon ¹	0.1 µg/l	<0.010	0.012	0.035	10	100
Pesticides total	0.5 µg/l	<0.010	0.034	0.057	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	0.140	0.400	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.200	10	100
Chloride	250 mg Cl/l	59.7	68.4	84.3	10	100
Sulphate	250 mg SO ₄ /l	61.4	91.2	102.0	10	100
Total Organic Carbon	No abnormal change	1.07	1.55	1.98	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	0.19	0.22	10	100

¹ Detected pesticide - 76 other pesticides analysed for and not detected.

8 Appendices (continued)

Appendix B

Audit Monitoring: Augrès TW

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	9	100
Boron	1.0 mg B/l	0.041	0.091	0.131	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	9	100
Fluoride	1.5 mg F/l	<0.05	<0.05	0.07	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.008	10	100
Isoproturon ¹	0.1 µg/l	<0.003	<0.003	0.005	35	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.011	35	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.014	35	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.014	36	100
2,4,5-T ¹	0.1 µg/l	<0.015	<0.015	0.041	36	100
Triclopyr ¹	0.1 µg/l	<0.015	<0.015	0.038	36	100
Atrazine ¹	0.1 µg/l	<0.002	0.003	0.018	35	100
Simazine ¹	0.1 µg/l	<0.009	<0.009	0.009	35	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.013	35	100
Trietazine ¹	0.1 µg/l	<0.003	<0.003	0.012	35	100
Terbutryne ¹	0.1 µg/l	<0.004	<0.004	0.029	34	100
Cyanazine ¹	0.1 µg/l	<0.007	<0.007	0.016	34	100
Terbuthylazine ¹	0.1 µg/l	<0.002	<0.002	0.011	35	100
Tebuconazole ¹	0.1 µg/l	<0.002	<0.002	0.004	34	100
Dalapon ¹	0.1 µg/l	<0.010	<0.010	0.043	10	100
Pesticides total	0.5 µg/l	<0.010	0.026	0.098	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.300	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.1	10	100
Chloride	250 mg Cl/l	53.5	61.2	68.9	10	100
Sulphate	250 mg SO ₄ /l	85.0	95.5	105.0	10	100
Total Organic Carbon	No abnormal change	1.59	2.07	4.15	11	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	0.21	0.25	10	100

¹ Detected pesticide - 72 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	<0.06	<0.06	<0.06	10	100
Boron	1.0 mg B/l	<0.04	0.116	0.341	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	<0.05	0.09	10	100
Mercury	1.0 µg Hg/l	<0.002	0.002	0.005	10	100
Atrazine ¹	0.1 µg/l	<0.002	<0.002	0.008	10	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.006	10	100
Terbutylazine ¹	0.1 µg/l	<0.002	<0.002	0.004	10	100
Tebuconazole ¹	0.1 µg/l	<0.004	<0.004	0.026	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.012	0.024	10	100
Pesticides total	0.5 µg/l	<0.010	0.016	0.036	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	0.1	0.300	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.1	10	100
Chloride	250 mg Cl/l	58.8	69.6	90.9	10	100
Sulphate	250 mg SO ₄ /l	86.8	95.8	113.0	10	100
Total Organic Carbon	No abnormal change	1.27	1.62	2.26	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	0.22	10	100

¹ Detected pesticide - 82 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	<0.06	<0.06	<0.06	9	100
Boron	1.0 mg B/l	<0.04	0.124	0.295	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	8	100
Fluoride	1.5 mg F/l	<0.05	<0.05	0.08	10	100
Mercury	1.0 µg Hg/l	<0.002	0.002	0.004	10	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.025	10	100
Atrazine ¹	0.1 µg/l	<0.002	<0.002	0.004	10	100
Prometryne ¹	0.1 µg/l	<0.002	0.004	0.033	10	100
Terbutryne ¹	0.1 µg/l	<0.004	<0.004	0.007	10	100
Terbutylazine ¹	0.1 µg/l	<0.002	<0.002	0.006	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.015	0.025	10	100
Pesticides total	0.5 µg/l	<0.010	0.024	0.053	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	0.110	0.200	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.123	10	100
Chloride	250 mg Cl/l	60.8	69.7	88.0	10	100
Sulphate	250 mg SO ₄ /l	74.0	94.1	110.0	10	100
Total Organic Carbon	No abnormal change	1.21	1.57	1.84	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	0.18	0.21	10	100

¹ Detected pesticide - 81 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	<0.06	<0.06	<0.06	10	100
Boron	1.0 mg B/l	<0.04	0.114	0.214	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	<0.05	0.06	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.004	10	100
Monolinuron ¹	0.1 µg/l	<0.010	0.010	0.096	10	100
Atrazine ¹	0.1 µg/l	<0.002	0.002	0.008	10	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.006	10	100
Terbutryn ¹	0.1 µg/l	<0.003	<0.003	0.017	10	100
Terbutylazine ¹	0.1 µg/l	<0.002	0.002	0.010	10	100
Tebuconazole ¹	0.1 µg/l	<0.003	<0.003	0.008	10	100
Dalapon ¹	0.1 µg/l	<0.010	<0.010	0.022	10	100
Pesticides total	0.5 µg/l	<0.010	0.024	0.104	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	0.130	0.300	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.153	10	100
Chloride	250 mg Cl/l	56.7	65.0	79.8	10	100
Sulphate	250 mg SO ₄ /l	84.0	95.2	108.0	10	100
Total Organic Carbon	No abnormal change	1.24	1.65	2.04	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha ²	0.1 Bq/l	<0.03	<0.03	0.03	10	100
Gross beta ²	1.0 Bq/l	0.16	0.20	0.24	10	100

¹ Detected pesticide - 80 other pesticides analysed for and not detected.



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