

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	<0.07	<0.07	<0.07	10	100
Boron	1.0 mg B/l	0.060	0.079	0.090	10	100
Bromate	10 µg BrO ₃ /l	<0.2	<0.2	<0.2	10	100
Cyanide	50 µg CN/l	<1	3.4	10.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.12	<0.12	<0.12	10	100
Fluoride	1.5 mg F/l	<0.05	0.055	0.070	10	100
Mercury	1.0 µg Hg/l	<0.002	0.007	0.051	10	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.004	35	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.010	35	100
Mecoprop ¹	0.1 µg/l	<0.01	<0.01	0.012	35	100
Propiconazole ¹	0.1 µg/l	<0.004	<0.004	0.004	34	100
Pesticides total	0.5 µg/l	<0.010	<0.010	0.012	35	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.2	10	100
Tetrachloromethane	3 µg/l	<0.07	<0.07	<0.07	10	100
Chloride	250 mg Cl/l	62.1	64.8	68.2	10	100
Sulphate	250 mg SO ₄ /l	84.6	96.0	107.0	10	100
Total Organic Carbon	No abnormal change	1.76	2.35	3.86	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.034	10	100
Gross beta	1.0 Bq/l	0.19	0.21	0.24	10	100

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

8 Appendices - continued

Appendix B

Audit Monitoring: Augrés 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	0.050	0.079	0.100	10	100
Bromate	10 µg BrO ₃ /l	<0.2	<0.2	0.7	10	100
Cyanide	50 µg CN/l	<1	2.6	4.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.12	<0.12	<0.12	10	100
Fluoride	1.5 mg F/l	<0.05	<0.05	0.050	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.002	10	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.006	35	100
Carbetamide ¹	0.1 µg/l	<0.005	<0.005	0.005	35	100
M.C.P.A. ¹	0.1 µg/l	<0.009	<0.009	0.013	35	100
2,4-D ¹	0.1 µg/l	<0.011	<0.011	0.021	35	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.011	35	100
Cyanazine ¹	0.1 µg/l	<0.007	<0.007	0.009	35	100
Propiconazole ¹	0.1 µg/l	<0.004	<0.004	0.004	35	100
Pesticides total	0.5 µg/l	<0.010	<0.010	0.033	35	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	<0.1	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.16	10	100
Chloride	250 mg Cl/l	54.3	59.5	64.8	10	100
Sulphate	250 mg SO ₄ /l	83.2	102.1	114.0	10	100
Total Organic Carbon	No abnormal change	1.63	2.06	3.22	9	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	0.02	0.21	0.26	10	100

¹ Detected pesticide - 77 other pesticides analysed for and not detected.

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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	0.060	0.079	0.090	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	1.0	3.8	12.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	0.06	0.06	0.07	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.005	10	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.008	10	100
Cyanazine ¹	0.1 µg/l	<0.007	<0.007	0.010	10	100
Pesticides total	0.5 µg/l	<0.010	<0.010	0.010	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.11	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	<0.1	10	100
Chloride	250 mg Cl/l	60.0	65.2	69.2	10	100
Sulphate	250 mg SO ₄ /l	84.4	97.1	109.0	10	100
Total Organic Carbon	No abnormal change	0.68	2.08	4.46	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	0.20	0.23	10	100

¹ Detected pesticide - 82 other pesticides analysed for and not detected.

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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	10	100
Boron	1.0 mg B/l	0.060	0.076	0.100	10	100
Bromate	10 µg BrO ₃ /l	<0.2	<0.2	0.5	10	100
Cyanide	50 µg CN/l	<1	2.9	6.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.12	<0.12	<0.12	10	100
Fluoride	1.5 mg F/l	0.05	0.07	0.08	10	100
Mercury	1.0 µg Hg/l	<0.002	0.003	0.020	10	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.005	10	100
Pesticides total	0.5 µg/l	<0.010	<0.010	<0.010	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	<0.1	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	<0.1	10	100
Chloride	250 mg Cl/l	58.9	64.8	69.6	10	100
Sulphate	250 mg SO ₄ /l	86.7	98.0	109.0	10	100
Total Organic Carbon	No abnormal change	1.63	2.27	3.89	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.049	10	100
Gross beta	1.0 Bq/l	0.15	0.21	0.24	10	100

¹ Detected pesticide - 83 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	0.070	0.082	0.110	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<1	1.9	4.0	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	0.003	10	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.004	10	100
Pesticides total	0.5 µg/l	<0.010	<0.010	<0.010	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	<0.1	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	<0.1	10	100
Chloride	250 mg Cl/l	59.8	63.4	67.8	10	100
Sulphate	250 mg SO ₄ /l	83.6	99.3	109.0	10	100
Total Organic Carbon	No abnormal change	1.69	1.90	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	0.042	10	100
Gross beta	1.0 Bq/l	0.19	0.23	0.26	10	100

¹ Detected pesticide - 83 other pesticides analysed for and not detected.



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Jersey Water is the trading name of
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