

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	0.073	0.212	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<5	<5	5.0	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	0.06	0.11	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	0.051	37	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.014	37	100
Carbetamide ¹	0.1 µg/l	<0.005	<0.005	0.022	37	100
MCPA ¹	0.1 µg/l	<0.010	0.019	0.290	36	94
Mecoprop ¹	0.1 µg/l	<0.010	0.015	0.220	36	94
Dicamba ¹	0.1 µg/l	<0.010	<0.010	0.052	36	100
Atrazine ¹	0.1 µg/l	<0.002	0.006	0.025	36	100
Simazine ¹	0.1 µg/l	<0.009	<0.009	0.020	36	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.005	36	100
Propazine ¹	0.1 µg/l	<0.004	<0.004	0.013	36	100
Cyanazine ¹	0.1 µg/l	<0.007	0.022	0.097	37	100
Terbuthylazine ¹	0.1 µg/l	<0.002	<0.002	0.017	36	100
Dalapon ¹	0.1 µg/l	<0.010	<0.010	0.019	10	100
Pesticides total	0.5 µg/l	<0.010	0.105	0.629	10	90
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	10	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	0.121	10	100
Chloride	250 mg Cl/l	58.5	61.3	63.1	10	100
Sulphate	250 mg SO ₄ /l	88.4	92.9	99.8	10	100
Total Organic Carbon	No abnormal change	1.54	1.72	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	0.15	0.18	0.21	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	10	100
Boron	1.0 mg B/l	<0.040	0.053	0.097	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	0.13	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.004	10	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.033	36	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.007	35	100
Carbetamide ¹	0.1 µg/l	<0.005	<0.005	0.017	36	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.012	36	100
Atrazine ¹	0.1 µg/l	<0.002	0.014	0.024	36	100
Simazine ¹	0.1 µg/l	<0.009	<0.009	0.024	36	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.023	36	100
Propazine ¹	0.1 µg/l	<0.004	<0.004	0.018	36	100
Cyanazine ¹	0.1 µg/l	<0.007	0.035	0.123	35	97
Terbuthylazine ¹	0.1 µg/l	<0.002	<0.002	0.019	36	100
Dieldrin ¹	0.03 µg/l	<0.003	<0.003	0.003	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.025	0.167	9	89
Pesticides total	0.5 µg/l	0.031	0.083	0.225	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	10	100
Tetrachloromethane	3 µg/l	<0.12	0.026	0.131	10	100
Chloride	250 mg Cl/l	50.6	57.0	60.6	10	100
Sulphate	250 mg SO ₄ /l	72.4	91.3	102.0	10	100
Total Organic Carbon	No abnormal change	1.53	1.88	2.76	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.04	10	100
Gross beta	1.0 Bq/l	0.18	0.22	0.24	10	100

¹ Detected pesticide - 75 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	0.042	0.091	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	0.08	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.003	10	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.016	10	100
MCPA ¹	0.1 µg/l	<0.010	0.012	0.120	10	90
Mecoprop ¹	0.1 µg/l	<0.010	0.010	0.097	10	100
2,3,6-TBA ¹	0.1 µg/l	<0.010	<0.010	0.025	10	100
Atrazine ¹	0.1 µg/l	<0.002	0.004	0.012	10	100
Simazine ¹	0.1 µg/l	<0.009	<0.009	0.012	10	100
Prometryne ¹	0.1 µg/l	<0.002	<0.002	0.004	10	100
Cyanazine ¹	0.1 µg/l	<0.007	0.023	0.070	10	100
Propiconazole ¹	0.1 µg/l	<0.004	<0.004	0.005	10	100
Dalapon ¹	0.1 µg/l	<0.010	0.015	0.025	10	100
Pesticides total	0.5 µg/l	<0.010	0.071	0.274	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	10	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	<0.12	10	100
Chloride	250 mg Cl/l	59.3	61.7	63.9	10	100
Sulphate	250 mg SO ₄ /l	56.4	89.1	98.6	10	100
Total Organic Carbon	No abnormal change	1.37	1.65	2.01	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.04	10	100
Gross beta	1.0 Bq/l	0.16	0.19	0.21	10	100

¹ Detected pesticide - 75 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	10	100
Boron	1.0 mg B/l	<0.04	0.054	0.141	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	<0.002	10	100
Linuron ¹	0.1 µg/l	<0.004	<0.004	0.011	10	100
Diuron ¹	0.1 µg/l	<0.005	<0.005	0.005	10	100
Carbetamide ¹	0.1 µg/l	<0.005	<0.005	0.023	10	100
Chlorpropham ¹	0.1 µg/l	<0.013	<0.013	0.025	6	100
MCPA ¹	0.1 µg/l	<0.010	<0.010	0.048	10	100
Mecoprop ¹	0.1 µg/l	<0.010	<0.010	0.039	10	100
Dicamba ¹	0.1 µg/l	<0.010	<0.010	0.014	10	100
Atrazine ¹	0.1 µg/l	<0.002	0.003	0.013	10	100
Simazine ¹	0.1 µg/l	<0.009	0.010	0.066	10	100
Propazine ¹	0.1 µg/l	<0.004	<0.004	0.012	10	100
Cyanazine ¹	0.1 µg/l	<0.007	0.020	0.104	10	90
Dalapon ¹	0.1 µg/l	<0.010	<0.010	0.020	10	100
Pesticides total	0.5 µg/l	<0.010	0.059	0.154	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	10	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	<0.12	10	100
Chloride	250 mg Cl/l	60.3	62.9	65.3	10	100
Sulphate	250 mg SO ₄ /l	94.4	98.9	117.0	10	100
Total Organic Carbon	No abnormal change	1.42	1.67	1.88	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	0.21	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	<0.06	<0.06	<0.06	10	100
Boron	1.0 mg B/l	<0.04	0.058	0.150	10	100
Bromate	10 µg BrO ₃ /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<5	<5	5.0	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	0.10	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.005	10	100
Carbetamide ¹	0.1 µg/l	<0.005	<0.005	0.017	10	100
MCPA ¹	0.1 µg/l	<0.010	0.012	0.110	10	90
Mecoprop ¹	0.1 µg/l	<0.010	0.010	0.089	10	100
Dicamba ¹	0.1 µg/l	<0.010	<0.010	0.022	10	100
Atrazine ¹	0.1 µg/l	<0.002	0.012	0.020	9	100
Simazine ¹	0.1 µg/l	<0.009	<0.009	0.022	10	100
Prometryne ¹	0.1 µg/l	<0.002	0.002	0.017	10	100
Terbutryn ¹	0.1 µg/l	<0.003	<0.003	0.014	10	100
Cyanazine ¹	0.1 µg/l	<0.007	0.030	0.068	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	0.014	10	100
Dalapon ¹	0.1 µg/l	<0.010	<0.010	0.025	10	100
Pesticides total	0.5 µg/l	0.014	0.085	0.256	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.5	<0.5	<0.5	10	100
Tetrachloromethane	3 µg/l	<0.12	<0.12	<0.12	10	100
Chloride	250 mg Cl/l	56.4	60.0	63.0	10	100
Sulphate	250 mg SO ₄ /l	51.2	92.0	105.0	10	100
Total Organic Carbon	No abnormal change	1.38	1.67	2.03	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.04	10	100
Gross beta	1.0 Bq/l	0.19	0.20	0.22	10	100

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



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Jersey Water is the trading name of The Jersey New Waterworks Company Limited.