

## 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	0.063	0.100	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<1	<1	3.0	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	0.063	0.090	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.006	10	100
Chlortoluron <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.003	36	100
Isoproturon <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.007	36	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	0.013	0.053	36	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	0.005	0.029	36	100
Propachlor <sup>1</sup>	0.1 µg/l	<0.008	<0.008	0.019	6	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.01	<0.01	0.032	36	100
Mecoprop <sup>1</sup>	0.1 µg/l	<0.01	<0.01	0.021	36	100
Atrazine <sup>1</sup>	0.1 µg/l	<0.002	0.003	0.064	36	100
Simazine <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.059	36	100
Dalapon <sup>1</sup>	0.1 µg/l	<0.050	<0.050	0.059	36	100
Pesticides total	0.5 µg/l	<0.010	0.022	0.074	36	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.2	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	0.2	10	100
Chloride	250 mg Cl/l	59.3	62.2	66.1	10	100
Sulphate	250 mg SO <sub>4</sub> /l	78.1	87.8	92.9	10	100
Total Organic Carbon	No abnormal change	1.84	2.48	4.47	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha	0.1 Bq/l	<0.03	<0.03	0.05	10	100
Gross beta	1.0 Bq/l	0.15	0.20	0.28	10	100

<sup>1</sup> Detected pesticide - 76 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	9	100
Boron	1.0 mg B/l	<0.040	0.068	0.120	9	100
Bromate	10 µg BrO <sub>3</sub> /l	<1.0	<1.0	<1.0	9	100
Cyanide	50 µg CN/l	<1	<1	2	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	0.07	10	100
Mercury	1.0 µg Hg/l	<0.002	0.002	0.005	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.003	0.003	0.016	35	100
Diuron <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.013	35	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.010	<0.010	0.012	34	100
Mecoprop <sup>1</sup>	0.1 µg/l	<0.010	<0.010	0.015	34	100
Atrazine <sup>1</sup>	0.1 µg/l	<0.002	0.003	0.009	35	100
Terbutryne <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.004	35	100
Cyanazine <sup>1</sup>	0.1 µg/l	<0.007	<0.007	0.017	35	100
Propiconazole <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.008	35	100
Tebuconazole <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.004	35	100
Dalapon <sup>1</sup>	0.1 µg/l	<0.010	<0.010	0.055	35	100
Pesticides total	0.5 µg/l	<0.010	0.011	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	<0.1	9	100
Chloride	250 mg Cl/l	54.1	60.7	67.2	10	100
Sulphate	250 mg SO <sub>4</sub> /l	82.0	93.0	104	10	100
Total Organic Carbon	No abnormal change	1.63	1.92	2.28	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	0.17	0.22	0.28	10	100

<sup>1</sup> Detected pesticide - 76 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	0.074	0.110	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<1	<1	3	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	0.07	0.09	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.002	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	0.012	0.039	10	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.015	10	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.010	<0.010	0.012	10	100
Atrazine <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.004	10	100
Pesticides total	0.5 µg/l	<0.010	0.016	0.051	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	60.6	67.6	108.0	10	100
Sulphate	250 mg SO <sub>4</sub> /l	80.0	88.0	94.7	10	100
Total Organic Carbon	No abnormal change	1.74	2.01	2.37	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	<0.06	0.18	0.22	10	100

<sup>1</sup> 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	10	100
Boron	1.0 mg B/l	<0.04	0.072	0.110	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<1	<1	3	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	0.08	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.004	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	0.010	0.033	10	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.018	10	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.011	<0.011	0.038	10	100
Atrazine <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.008	10	100
Pesticides total	0.5 µg/l	<0.010	0.018	0.089	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	60.0	64.0	72.0	10	100
Sulphate	250 mg SO <sub>4</sub> /l	77.2	88.7	94.1	10	100
Total Organic Carbon	No abnormal change	0.94	1.99	2.54	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	0.26	10	100

<sup>1</sup> Detected pesticide - 82 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	0.086	0.140	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<1.0	<1.0	<1.0	10	100
Cyanide	50 µg CN/l	<1	<1	4	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	0.08	10	100
Mercury	1.0 µg Hg/l	<0.002	0.007	0.044	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	0.008	0.026	10	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.011	10	100
Propachlor <sup>1</sup>	0.1 µg/l	<0.008	<0.008	0.010	6	100
Atrazine <sup>1</sup>	0.1 µg/l	<0.002	0.003	0.006	10	100
Cyanazine <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.007	10	100
Pesticides total	0.5 µg/l	<0.010	0.016	0.041	10	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.2	9	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	<0.1	9	100
Chloride	250 mg Cl/l	58.5	61.2	65.3	9	100
Sulphate	250 mg SO <sub>4</sub> /l	84.1	91.9	97.7	9	100
Total Organic Carbon	No abnormal change	1.51	2.04	2.48	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	0.19	0.21	0.23	10	100

<sup>1</sup> Detected pesticide - 81 other pesticides analysed for and not detected.



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