

## 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	0.080	0.100	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<0.2	<0.2	<0.2	10	100
Cyanide	50 µg CN/l	<1	<1	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	0.055	0.070	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.004	10	100
Isoproturon <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.008	35	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.010	35	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.007	35	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.011	<0.011	0.031	35	100
Mecoprop <sup>1</sup>	0.1 µg/l	<0.010	<0.010	0.019	35	100
2,4,5-T <sup>1</sup>	0.1 µg/l	<0.015	<0.015	0.024	35	100
Bentazone <sup>1</sup>	0.1 µg/l	<0.008	<0.008	0.008	35	100
Atrazine <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.003	35	100
Prometryne <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.002	35	100
Terbutryn <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.005	35	100
Pesticides total	0.5 µg/l	<0.010	<0.010	0.042	35	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	<0.1	10	100
Tetrachloromethane	3 µg/l	<0.07	<0.07	<0.07	10	100
Chloride	250 mg Cl/l	61.9	67.1	71.1	10	100
Sulphate	250 mg SO <sub>4</sub> /l	87.0	101.3	125.0	10	100
Total Organic Carbon	No abnormal change	1.50	2.02	2.51	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha <sup>2</sup>	0.1 Bq/l	<0.03	<0.03	0.039	10	100
Gross beta <sup>2</sup>	1.0 Bq/l	0.13	0.18	0.22	10	100

<sup>1</sup> Detected pesticide - 78 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	0.041	0.078	0.100	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<0.2	<0.2	0.9	10	100
Cyanide	50 µg CN/l	<1	4.0	36.0	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	0.090	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.003	10	100
Isoproturon <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.008	35	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.014	35	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.010	35	100
M.C.P.B. <sup>1</sup>	0.1 µg/l	<0.011	<0.011	0.013	35	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.011	0.013	0.061	35	100
Terbutryne <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.003	35	100
Propiconazole <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.004	35	100
Tebuconazole <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.006	35	100
Pesticides total	0.5 µg/l	<0.010	0.017	0.061	35	100
Trichloroethene and Tetrachloroethene	10 µg/l	<0.1	<0.1	0.17	10	100
Tetrachloromethane	3 µg/l	<0.1	<0.1	<0.1	10	100
Chloride	250 mg Cl/l	59.7	64.5	72.9	10	100
Sulphate	250 mg SO <sub>4</sub> /l	100.0	105.2	110.0	10	100
Total Organic Carbon	No abnormal change	1.50	1.97	2.74	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha <sup>2</sup>	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta <sup>2</sup>	1.0 Bq/l	<0.02	0.17	0.23	10	100

<sup>1</sup> Detected pesticide - 80 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	0.060	0.072	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	<1.0	<1.0	2.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	0.040	0.056	0.070	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.003	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.008	10	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.007	10	100
Prometryne <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.002	10	100
Propiconazole <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.004	10	100
Tebuconazole <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.004	10	100
Propetamphos <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.022	10	100
Pesticides total	0.5 µg/l	<0.010	0.010	0.027	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	56.0	66.3	70.8	10	100
Sulphate	250 mg SO <sub>4</sub> /l	82.9	100.7	117.0	10	100
Total Organic Carbon	No abnormal change	1.50	1.84	2.61	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha <sup>2</sup>	0.1 Bq/l	<0.03	<0.03	0.033	10	100
Gross beta <sup>2</sup>	1.0 Bq/l	0.15	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	0.054	0.073	0.100	10	100
Bromate	10 µg BrO <sub>3</sub> /l	<0.2	<0.2	0.2	10	100
Cyanide	50 µg CN/l	<1	3.1	24.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.12	<0.12	<0.12	10	100
Fluoride	1.5 mg F/l	0.050	0.058	0.060	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.009	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.010	10	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.012	10	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.011	<0.011	0.019	10	100
Mecoprop <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	0.002	10	100
Prometryne <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.002	10	100
Terbutryne <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.004	10	100
Tebuconazole <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.004	10	100
Pesticides total	0.5 µg/l	<0.010	0.010	0.030	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	57.8	66.2	70.9	10	100
Sulphate	250 mg SO <sub>4</sub> /l	80.7	99.1	114.0	10	100
Total Organic Carbon	No abnormal change	1.51	2.06	3.46	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha <sup>2</sup>	0.1 Bq/l	<0.03	<0.03	0.030	10	100
Gross beta <sup>2</sup>	1.0 Bq/l	<0.02	0.17	0.23	10	100

<sup>1</sup> Detected pesticide - 80 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	0.055	0.077	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	2.0	11.0	10	100
1,2 dichloroethane	3.0 µg/l	<0.1	<0.1	<0.1	10	100
Fluoride	1.5 mg F/l	0.050	0.051	0.060	10	100
Mercury	1.0 µg Hg/l	<0.002	<0.002	0.003	10	100
Linuron <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.006	10	100
Diuron <sup>1</sup>	0.1 µg/l	<0.005	<0.005	0.008	10	100
Pentachlorophenol <sup>1</sup>	0.1 µg/l	<0.009	<0.009	0.025	10	100
2,4-D <sup>1</sup>	0.1 µg/l	<0.011	<0.011	0.045	10	100
Prometryne <sup>1</sup>	0.1 µg/l	<0.002	<0.002	0.003	10	100
Terbutryne <sup>1</sup>	0.1 µg/l	<0.003	<0.003	0.005	10	100
Propiconazole <sup>1</sup>	0.1 µg/l	<0.004	<0.004	0.004	10	100
Pesticides total	0.5 µg/l	<0.010	0.016	0.049	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	62.5	65.0	68.5	10	100
Sulphate	250 mg SO <sub>4</sub> /l	93.8	102.5	110.0	10	100
Total Organic Carbon	No abnormal change	1.59	1.83	2.21	10	100
Tritium	100 Bq/l	<10.0	<10.0	<10.0	10	100
Gross alpha <sup>2</sup>	0.1 Bq/l	<0.03	<0.03	<0.03	10	100
Gross beta <sup>2</sup>	1.0 Bq/l	<0.02	0.17	0.34	10	100

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



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