Queensland

Public Health Amendment Regulation (No. 1) 2008

Subordinate Legislation 2008 No. 218

made under the

Public Health Act 2005

Contents

Contents

1 Short title

This regulation may be cited as the *Public Health Amendment Regulation (No. 1) 2008*.

2 Regulation amended

This regulation amends the *Public Health Regulation 2005*.

3 Insertion of new pt 6A

After section 18—

insert—

‘Part 6A Water quality

‘Division 1 Preliminary

‘18AA Purpose of pt 6A

‘This part prescribes standards for the quality of drinking water and particular types of recycled water.

Note—

The provisions of this part complement provisions of the *Water Supply (Safety and Reliability) Act 2008*. If a water service provider fails to comply with a provision of this part, the water service provider may be liable to a penalty under that Act.

‘18AB Definitions for pt 6A and schs 3A–3E

‘In this part and schedules 3A to 3E—

chlorine residual means the amount of free chlorine remaining in water at the point of supply of the water to the water user.

class A+ recycled water means recycled water intended to be supplied on the basis that it meets the standards prescribed under section 18AE for the quality of class A+ recycled water.

class A recycled water means recycled water intended to be supplied on the basis that it meets the standards prescribed under section 18AF for the quality of class A recycled water.

class B recycled water means recycled water intended to be supplied on the basis that it meets the standards prescribed under section 18AF for the quality of class B recycled water.

class C recycled water means recycled water intended to be supplied on the basis that it meets the standards prescribed under section 18AF for the quality of class C recycled water.

class D recycled water means recycled water intended to be supplied on the basis that it meets the standards prescribed under section 18AF for the quality of class D recycled water.

drinking water service see the *Water Supply (Safety and Reliability) Act 2008*, schedule 3.

dual reticulation scheme means a system of pipes supplying water to a water user for a domestic use, that allows for drinking water and recycled water to be supplied from separate pipes at the same time, but does not include a system of pipes supplying recycled water to a water user for a commercial, industrial or agricultural use.

free chlorine means chlorine in water that is not combined with any other chemical compound.

minimally processed food crop means a crop for a food product that—

(a) may be eaten raw; or

(b) will be subjected to a minimal food process only.

Examples of a minimal food process—

- washing
- cutting
- peeling
- packaging

recycled water means sewage or effluent sourced from a service provider's sewerage, that is intended to be reused.

reused see the *Water Supply (Safety and Reliability) Act 2008*, schedule 3.

service provider see *Water Supply (Safety and Reliability) Act 2008*, schedule 3.

‘Division 2 Standards for water quality—Act, s 461(2)

‘18AC Drinking water

‘The following are standards for the quality of drinking water—

(a) samples of the drinking water must be taken at the frequency stated in schedule 3A, column 2;

(b) each sample taken under paragraph (a) must be tested for the factor stated in schedule 3A, column 1;

(c) the value of the factor under paragraph (b) must be the value stated in schedule 3A, column 3;

(d) if in any sample taken, the value of the factor under paragraph (b) is more than the value stated in schedule 3A, column 3 for the factor—a follow-up sample must be taken and tested for the factor;

(e) if the quality of the drinking water has been monitored for at least 12 months—

(i) the value (the ***annual value***) of the factor in the samples taken under paragraph (a) during the preceding 12 month period must be assessed monthly; and

(ii) the annual value of the factor must be the value stated in schedule 3A, column 4 for the factor.

‘18AD Recycled water supplied to augment a supply of drinking water

‘(1) The following are standards for the quality of recycled water that is intended to be supplied to augment a supply of drinking water—

(a) samples of the recycled water must be taken and tested for the factors stated in schedule 3B, column 1;

(b) unless under an approved recycled water management plan relating to the recycled water a factor does not need to be monitored—the value of each factor in the samples must not be more than the value stated in schedule 3B, parts 1 and 2, column 2 for the factor;

(c) if in any sample taken, the value of a factor under paragraph (b) is more than the value stated in schedule 3B, parts 1 and 2, column 2 for the factor—an assessment of the risks to the health of the public from the quality of the recycled water must be carried out;

(d) the recycled water must be supplied into an aquifer, lake, watercourse or wetlands, or a dam on a watercourse, and stored under conditions that allow for sufficient management of any risk to the health of the public from the recycled water quality.

‘(2) In this section—

approved recycled water management plan means a recycled water management plan approved under the *Water Supply (Safety and Reliability) Act 2008,* schedule 3.

‘18AE Class A+ recycled water

‘The following are standards for the quality of class A+ recycled water—

(a) samples of the recycled water must be taken at the frequency stated in schedule 3C, column 2;

(b) each sample taken under paragraph (a) must be tested for the factors stated in schedule 3C, column 1;

(c) if in any sample taken, the value of a factor under paragraph (b) is the value stated in schedule 3C, column 3, paragraph (a) for the factor—a follow-up sample must be taken and tested for the factor;

(d) the value of each factor in the follow-up samples taken under paragraph (c) must be the value stated in schedule 3C, column 3, paragraph (b) for the factor;

(e) if the quality of the recycled water has been monitored for at least 12 months—

(i) the value (the ***annual value***) of each factor in the samples taken under paragraph (a) during the preceding 12 month period must be assessed monthly; and

(ii) the annual value of the factor must be the value stated in schedule 3C, column 4 for the factor.

'18AF Class A, B, C or D recycled water

'The following are standards for the quality of class A, B, C or D recycled water—

(a) samples of the recycled water stated in schedule 3D, column 1 must be taken at the frequency stated in column 3 of the schedule;

(b) each sample taken under paragraph (a) must be tested for the factors stated in schedule 3D, column 2;

(c) if in any sample taken, the value of a factor under paragraph (b) is the value stated in schedule 3D, column 4, paragraph (a) for the factor—a follow-up sample must be taken and tested for the factor;

(d) the value of each factor in the follow-up samples taken under paragraph (c) must be the value stated in schedule 3D, column 4, paragraph (b) for the factor;

(e) if the quality of the recycled water has been monitored for at least 12 months—

(i) the value (the ***annual value***) of each factor in the samples taken under paragraph (a) during the

preceding 12 month period must be assessed monthly; and

(ii) the annual value of the factor must be the value stated in schedule 3D, column 5 for the factor.

'18AG Recycled water for irrigation of minimally processed food crops

'The standards for the quality of recycled water supplied for irrigating minimally processed food crops are the classes of recycled water stated in schedule 3E, column 3 for the types of crops and methods of irrigation stated in columns 1 and 2 of the schedule.

'18AH Recycled water supplied for a dual reticulation scheme

'The standard for the quality of recycled water supplied for a dual reticulation scheme is class A+ recycled water.'.

4 Insertion of new schs 3A–3E

After schedule 3—

insert—

‘Schedule 3A Standards for quality of drinking water

section 18AC

Column 1 Factor	Column 2 Frequency of sampling	Column 3 Value	Column 4 Annual value
Escherichia coli—in the reticulation system system for the drinking water service	(a) if the drinking water service supplies drinking water to more than 100000 people— (i) 6 samples a week; and (ii) 1 additional sample a month for each 10000 people by which the number of people supplied exceeds 100000; or	nil cfu/100mL	nil cfu/100mL found in 98% of the samples taken for a 12 month period
	(b) if the drinking water service supplies drinking water to more than 5000 but not more than 100000 people— (i) 1 sample a week; and (ii) 1 additional sample a month for each 5000 people by which the number of people supplied exceeds 5000; or	nil cfu/100mL	nil cfu/100mL found in 98% of the samples taken for a 12 month period

Column 1 Factor	Column 2 Frequency of sampling	Column 3 Value	Column 4 Annual value
	(c) if the drinking water service supplies drinking water to more than 1000 but not more than 5000 people—1 sample a week; or	nil cfu/100mL	nil cfu/100mL found in 98% of the samples taken for a 12 month period
	(d) if the drinking water service supplies drinking water to 1000 people or less—1 sample a month	nil cfu/100mL	nil cfu/100mL found in 98% of the samples taken for a 12 month period

‘Schedule 3B Standards for quality of recycled water supplied to augment a supply of drinking water

section 18AD

‘Part 1 Microorganisms

Column 1 Factor	Column 2 Value
Microorganisms	
Clostridium perfringens	nil cfu/100mL
Escherichia coli	nil cfu/100mL
F-RNA bacteriophages	nil pfu/100mL
Somatic coliphages	nil pfu/100mL
Any viral, bacterial or protozoan pathogens	nil detected

‘Part 2 Chemical compounds

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
4-Acetyl-6-t-butyl-1, 1-dimethylindan	7
6-Acetyl-1, 1, 2, 4, 4, 7-hexamethyltetraline	4
Acenaphthylene	0.014
Acephate	10
Acetophenone	400
Acetylsalicylic acid (Aspirin)	29
Acrylamide (2-propenamide)	0.2
Alachlor (Lasso)	2
Aldicarb	1
Aldicarb sulphone (aldoxycarb)	7
Aldicarb sulphoxide	7
Aldrin	0.3
Alprazolam	0.25
Aluminium	200
Ametryn	50
Amitrole	10
Ammonia	500
Amoxycillin	1.5
Androsterone	14
Anhydroerythromycin A	17.5
Anthracene	150
Antimony	3
Antipyrine (Phenazone)	1 000
Arsenic	7
Asulam	50
Atenolol	25
Atorvastatin	5
Atrazine (total) including metabolites	40
Azinphos-methyl	3
Azithromycin	3.9
Barium	700

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Benomyl	100
Bentazone	30
Benzene	1
Benzo(a)pyrene	0.01
Benzyl chloride	0.2
Betaxolol	10
Bezafibrate (Benzafibrate)	300
Bioresmethrin	100
Bisoprolol	0.63
Bisphenol A	200
Boron	4 000
Bromacil	300
Bromate	20
Bromide	7 000
Bromine	7 000
Bromoacetic acid	0.35
Bromochloroacetic acid	0.014
Bromochloroacetonitrile	0.7
Bromochloromethane	40
Bromodichloromethane	6
Bromoform	100
Bromophos-ethyl	10
Bromoxynil	30
Butylated hydroxyanisole (3-tert-butyl-4-hydroxy anisole) (BHA)	1 800
Butylated hydroxytoluene (2,6-Di-tert-Butyl-p-Cresol) (BHT)	1 000
2-Chlorophenol	300
4-Chlorophenol	10
4-Cumylphenol	0.35
Cadmium	2
Caffeine	0.35
Carazolol	0.35
Carbamazepine	100
Carbaryl	30
Carbendazim	100

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Carbofuran	10
Carbon tetrachloride	3
Carbophenothion	0.5
Carboxin	300
[[(Carboxymethyl)imino]bis(ethylenenitrilo)]tetra acetic acid	5
Cefaclor	250
Cephalexin	35
Chloramphenicol	175
Chlordane	1
Chlorfenvinphos	5
Chlorine	5 000
Chlorine dioxide	1 000
Chlorite	300
Chloroacetic acid	150
Chlorobenzene	300
Chloroform (Trichloromethane)	200
Chlorophene	0.35
Chlorotetracycline	105
Chlorothalonil	30
Chloroxuron	10
Chlorpyrifos	10
Chlorpyrifos methyl	10
Chlorpyrifos oxon	0.35
Chlorsulfuron	100
Cholesterol	7
Chromium (as Cr(VI))	50
Cimetidine	200
Ciproflaxin	250
Citalopram	4
Clarithromycin	250
Clenbuterol	15
Clindamycin	300
Clofibric acid	750
Clopyralid	1 000

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Codeine	50
Copper	2 000
Coprostanol	0.7
Cotinine	10
Coumarin	0.5
Cyanide	80
Cyanogen chloride (as cyanide)	80
Cyclophosphamide	3.5
Cypermethrin	0.5
1,1 Dichloroethene	30
1,2 Dichlorobenzene	1 500
1,2 Dichloroethane	3
1,2 Dichloroethene	60
1,4 Dichlorobenzene	40
1,7-Dimethylxanthine (Paraxanthine)	0.7
2,2-Dichloropropionic acid (DPA) (Dalapon)	500
2,4-Dichlorophenol	200
2,4-Dichlorophenoxyacetic acid (2,4,D)	30
2,4-Dichloropheoxypropionic acid (2,4-DP) (Dichlorprop)	100
2,5-Dihydroxybenzoic Acid	7
2,6-Dichlorophenol	10
2,6-Di-tert-butyl-1,4-benzoquinone(2,6-bis(1,1-dimethylethyl)-2,5-Cyclohexadiene-1,4-dione)	0.014
2,6-Di-tert-Butylphenol (2,6-bis(1,1-dimethylethyl)phenol)	2
2,7-Dichlorodibenzo-p-dioxin (DCDD)	0.000016
3,4-Dichloroanaline	0.35
4,4'-Dichloro-diphenyl-dichloroethylene (DDE)	20
4,4'-Dichloro-diphenyl-trichloroethane (DDT)	20
DEET (N,N-diethyltoluamide (NN-diethyl-3-methylbenzamide))	2 500
Dehydronifedipine	20
Demeclocycline	300
Demeton-S	0.15
Desethyl atrazine	40
Desisopropyl atrazine	40

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Desmethyl citalopram	4
Desmethyl diazepam (Nordazepam)	3
Di (2-ethylhexyl) phthalate	10
Diatrizoate sodium	0.35
Diatrizoic acid	0.35
Diazepam (Valium)	2.5
Diazinon	3
Dibromoacetic acid	0.014
Dibromochloromethane	100
Dibutyltin (DBT)	2
Dicamba	100
Dichlobenil	10
Dichloroacetic acid	100
Dichloroacetonitrile	2
Dichloromethane (Methylene chloride)	4
Dichlorvos	1
Diclofenac	1.8
Diclofop-methyl	5
Dicofol	3
Dieldrin	0.3
Difenzoquat	100
Diltiazem	60
Dimethoate	50
Di-n-butyl phthalate	35
Diphenamid	300
Dipyrone	525
Diquat	5
Disulfoton	3
Diuron	30
Doxycycline	10.5
17α-estradiol	0.175
17α-ethinyl estradiol	0.0015
17β-estradiol	0.175
Enalaprilat	1.3

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Endosulfan	30
Endothal	100
Enrofloxacin	22
Epichlorohydrin	0.5
Equilenin	0.030
Equilin	0.030
Erythromycin	17.5
Estriol	0.05
Estrone	0.03
Ethion	3
Ethoprophos (Mocap)	1
Ethylbenzene	300
Ethyl dipropylthiocarbamate (EPTC)	30
Ethylenediamine tetraacetic acid (EDTA)	250
Ethylene dibromide (EDB)	1
Etridiazole	100
Fenamiphos	0.3
Fenarimol	30
Fenchlorphos	30
Fenitrothion	10
Fenoprofen	450
Fenoprop (Silvex) (2,4,5-TP)	10
Fensulfothion	10
Fenthion (fenthion-methyl)	0.5
Fenvalerate	50
Flamprop-methyl	3
Fluometuron	50
Fluoride	1 500
Fluoxetine (Prozac)	10
Fluroxypyr	700
Formaldehyde	500
Formothion	50
Fosamine	30
Furosemide	10

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Fyrol FR 2 (tri(dichlorisopropyl) phosphate)	1
Galaxolide	1 800
Gemfibrozil	600
Glyphosate	1 000
3-Hydroxy carbofuran	0.5
Haloxyfop	1.05
Haloxyfop methyl	0.175
Heptachlor and heptachlor epoxide	0.3
Hexachlorobutadiene	0.7
Hexaflurate	30
Hexazinone	300
Hydrochlorthiazide	12.5
Ibuprofen	400
Indomethacin	25
Iodide	100
Iodine	60
Iohexol	720
Iopamidol	400
Iopromide	750
Iron	300
Isophosphamide	3.5
Ketoprofen	3.5
Lead	10
Lincomycin	3 500
Lindane (alpha BHC, beta BHC)	20
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	2
4-Methylphenol (p-cresol)	600
5-methyl-1H-benzotrioazole	0.007
Maldison (Malathion)	900
Manganese	500
Mecoprop (MCPP)	10
Mercury	1
Mestranol	0.0025
Metformin (1,1-Dimethylbiguanide)	250

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Methidathion	30
Methiocarb	5
Metholmyl	30
Methotreaxate	0.005
Methoxychlor	300
Metolachlor	300
Metoprolol	25
Metribuzin	50
Metsulfuron-methyl	30
Mevinphos	5
Molinate	5
Molybdenum	50
Monensin	35
Monobutyltin (MBT)	0.7
Monochloramine	3 000
Monocrotophos	1
Musk ketone	350
Musk tibetene	0.35
4-Nitrophenol	30
4-Nonylphenol (4NP)	500
Nadolol	20
Naladixic acid	1 000
Naphthalene	70
Napropamide	1 000
Naproxen	220
Nickel	20
Nitralin	500
Nitrate	50 000
Nitrilotriacetic acid (NTA)	200
Nitrite	3 000
N-Nitrosodiethylamine (NDEA)	0.010
N-Nitrosodimethylamine (NDMA)	0.010
N-nitrosomorpholine (NMOR)	0.001
Norethindrone	0.250

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Norflaxin	400
Norflurazon	50
Octachlorodibenzo-p-dioxin (OCDD)	0.000016
Oryzalin	300
Oxamyl	100
Oxazepam	15
Oxycodone	10
Oxytetracycline (Terramycin)	105
2-Phenylphenol	1 000
Paracetomol (acetaminophen)	175
Paraquat	30
Parathion (ethyl parathion)	10
Parathion methyl	100
PCB105 (2,3,3',4,4'-pentachlorobiphenyl)	0.000016
PCB118 (2,3',4,4',5-Pentachlorobiphenyl)	0.000016
PCB156 (2,3,3',4,4',5-Hexachlorobiphenyl)	0.000016
PCB167 (2,4,5,3',4',5'-Hexachlorobiphenyl)	0.000016
PCB169 (3,4,5,3',4',5'-Hexachlorobiphenyl)	0.000016
PCB77 (3,3',4,4'-Tetrachlorobiphenyl)	0.000016
Pebulate	30
Pendimethalin	300
Penicillin G	1.5
Penicillin V	1.5
Pentachlorophenol (PCP)	10
Pentamethyl-4,6-dinitroindane	0.35
Pentetic acid	250
Permethrin	100
Phenanthrene	150
Phenol	150
Phthalic anhydride	7 000
Picloram	300
Piperonyl butoxide	100
Pirimicarb	5
Pirimiphos-ethyl	0.5

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Pirimiphos-methyl	50
Praziquantel	70
Profenofos	0.3
Progesterone	105
Promecarb	30
Prometryn	105
Propachlor	50
Propanil	500
Propargite	50
Propazine	50
Propiconazole	100
Propoxur	70
Propranolol	40
Propylenedinitrilo tetraacetic acid (PDTA)	0.7
Propyzamide	300
Pyrazophos	30
Pyrene	150
Quintozene	30
radiological compounds	0.5 mSv/year for the total radionuclide exposure
Ranitidine	26
Roxithromycin	150
Salbutamol	3
Salicylic acid	105
Selenium	10
Silver	100
Silvex (Fenoprop)	10
Simazine	20
Stigmastanol	1 000
Styrene (vinyl benene)	30
Sulfadiazine	35
Sulfamethazine (SMTZ)	35

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Sulfamethizole	35
Sulfamethoxazole	35
Sulfamethoxine Sulfadimethoxine	35
Sulfasalazine	500
Sulfate	500 000
Sulfathiazole	35
Sulprofos	10
2,4,5-Trichlorophenol	350
2,4,6-Trichlorophenol (2,4,6-T)	20
4-Tert Octylphenol	50
Temazepam	5
Temephos	300
Terbacil	30
Terbufos	0.5
Terbutaline	4.5
Terbutryn	300
Terramycin (oxytetracycline)	105
Testosterone	7
Tetrachloroethene	50
Tetrachlorvinphos	100
Tetracycline (TCLN)	105
Theophylline	1.5
Thiobencarb	30
Thiometon	3
Thiophanate	5
Thiram	3
Timolol	10
Tolfenamic acid	17.5
Toluene	800
Triadimefon	2
Tri(butyl cellosolve) phosphate	50
Tributyl phosphate	0.5
Tributyltin oxide	1
Tributyltin (TBT)	1

Column 1 Factor	Column 2 Value (µg/L unless otherwise stated)
Trichlorfon	5
Trichloroacetaldehyde (chloral hydrate)	20
Trichloroacetic acid	100
Trichlorophenoxyacetic acid (2,4,5-T)	100
Triclopyr	10
Triclosan	0.35
Trifluralin	50
Trimethoprim	70
Triphenyl phosphate	1
Tris(2-chloroethyl)phosphate (TCEP)	1
Tylosin	1 050
Uranium	20
Vanadium	50
Venlafaxine	75
Vernolate	30
Vinyl chloride	0.3
Warfarin	1.5
Xylene	600
Zinc	3 000

‘Schedule 3C Standards for quality of class A+ recycled water

section 18AE

Column 1 Factor	Column 2 Frequency of sampling	Column 3 Value	Column 4 Annual value
chlorine residual, if the water is supplied through a dual reticulation scheme	daily	(a) for a sample mentioned in section 18AE(c)—less than 0.2mg/L; or (b) for a follow-up sample mentioned in section 18AE(d)—more than 0.5mg/L	more than 0.5mg/L found in 95% of the samples taken for a 12 month period
Clostridium perfringens	weekly	(a) for a sample mentioned in section 18AE(c)—more than 10 cfu/100mL; or (b) for a follow-up sample mentioned in section 18AE(d)—less than 1 cfu/100mL	less than 1 cfu/100mL found in 95% of the samples taken for a 12 month period
Escherichia coli	weekly	(a) for a sample mentioned in section 18AE(c)—more than 10 cfu/100mL; or (b) for a follow-up sample mentioned in section 18AE(d)—less than 1 cfu/100mL	less than 1 cfu/100mL found in 95% of the samples taken for a 12 month period
F-RNA bacteriophages	weekly	(a) for a sample mentioned in section 18AE(c)—more than 10 pfu/100mL; or (b) for a follow-up sample mentioned in section 18AE(d)—less than 1 pfu/100mL	less than 1 pfu/100mL found in 95% of the samples taken for a 12 month period

Column 1 Factor	Column 2 Frequency of sampling	Column 3 Value	Column 4 Annual value
somatic coliphages	weekly	(a) for a sample mentioned in section 18AE(c)—more than 10 pfu/100mL; or (b) for a follow-up sample mentioned in section 18AE(d)—less than 1 pfu/100mL	less than 1 pfu/100mL found in 95% of the samples taken for a 12 month period
turbidity	daily	(a) for a sample mentioned in section 18AE(c)—more than 5 NTU; or (b) for a follow-up sample mentioned in section 18AE(d)—less than 2 NTU	less than 2 NTU found in 95% of the samples taken for a 12 month period

‘Schedule 3D Standards for quality of classes A, B, C and D recycled water

section 18AF

Column 1 Class of recycled water	Column 2 Factor	Column 3 Frequency of sampling	Column 4 Value	Column 5 Annual value
class A recycled water	*Escherichia coli*	weekly	(a) for a sample mentioned in section 18AF(c)—more than 100 cfu/100mL; or (b) for a follow-up sample mentioned in section 18AF(d)—less than 10 cfu/100mL	less than 10 cfu/100mL found in 95% of the samples taken for a 12 month period
class B recycled water	*Escherichia coli*	weekly	(a) for a sample mentioned in section 18AF(c)—more than 1000 cfu/100mL; or (b) for a follow-up sample mentioned in section 18AF(d)—less than 100 cfu/100mL	less than 100 cfu/100mL found in 95% of the samples taken for a 12 month period

[s 4]

Column 1 Class of recycled water	Column 2 Factor	Column 3 Frequency of sampling	Column 4 Value	Column 5 Annual value
class C recycled water	*Escherichia coli*	weekly	(a) for a sample mentioned in section 18AF(c)—more than 10000 cfu/100mL; or (b) for a follow-up sample mentioned in section 18AF(d)—less than 1000 cfu/100mL	less than 1000 cfu/100mL found in 95% of the samples taken for a 12 month period
class D recycled water	*Escherichia coli*	weekly	(a) for a sample mentioned in section 18AF(c)—more than 100000 cfu/100mL; or (b) for a follow-up sample mentioned in section 18AF(d)—less than 10000 cfu/100mL	less than 10000 cfu/100mL found in 95% of the samples taken for a 12 month period

‘Schedule 3E Standards for quality of recycled water for irrigating minimally processed food crops

section 18AG

Column 1 Type of crop	Column 2 Method of irrigation	Column 3 Class of recycled water
root crops *Examples of crops—* carrot and onion	spray, drip, flood, furrow or subsurface	class A recycled water
crops with produce, other than rockmelons, grown on or near the ground if the produce is normally eaten with the skin removed *Example of crop—* pumpkin	spray	class B recycled water
	subsurface, drip, flood or furrow	class C recycled water
rockmelons	spray, drip, flood, furrow or subsurface	class A+ recycled water
crops with produce grown on or near the ground, other than crops with produce normally eaten with the skin removed *Examples of crops—* broccoli, cabbage and tomato	spray, flood and furrow	class A+ recycled water

[s 4]

Column 1 Type of crop	Column 2 Method of irrigation	Column 3 Class of recycled water
	drip	class A recycled water
	subsurface	class C recycled water
crops with produce grown away from the ground if the produce is normally eaten with the skin removed	spray	class B recycled water
Examples of crops— avocado, banana and mango		
	drip, flood, furrow or subsurface	class C recycled water
crops with produce grown away from the ground, other than crops with produce normally eaten with the skin removed	spray	class A+ recycled water
Examples of crops— apple, olive and peach		
	drip, flood or furrow	class B recycled water
	subsurface	class C recycled water
crops for produce grown in hydroponic conditions	hydroponic	class A+ recycled water’.
Examples of crops— herb and lettuce		

5 Amendment of sch 4 (Dictionary)

Schedule 4—

insert—

'***cfu*** means colony forming units.

chlorine residual see section 18AB.

class A+ recycled water see section 18AB.

class A recycled water see section 18AB

class B recycled water see section 18AB.

class C recycled water see section 18AB.

class D recycled water see section 18AB.

drinking water service see section 18AB.

dual reticulation scheme see section 18AB.

free chlorine see section 18AB.

minimally processed food crop see section 18AB.

mSv means a millisievert.

NTU means nephelometric turbidity units.

pfu means plaque forming units.

recycled water see section 18AB.

reused see section 18AB.

service provider see section 18AB.'.

ENDNOTES

1 Made by the Governor in Council on 3 July 2008.

2 Notified in the gazette on 4 July 2008.

3 Laid before the Legislative Assembly on . . .

4 The administering agency is the Department of Health.