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FOOD SAFETY AND SECURITY ACT 2025

FOOD SAFETY AND SECURITY (NON-PACKAGED DRINKING WATER) REGULATIONS 2025

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In exercise of the powers conferred by sections 307 and 312 of the Food Safety and Security Act 2025, the Singapore Food Agency, with the approval of the Minister for Sustainability and the Environment, makes the following Regulations:

PART 1**PRELIMINARY****Citation and commencement**

1. These Regulations are the Food Safety and Security (Non-Packaged Drinking Water) Regulations 2025 and come into operation on 28 November 2025.

Definitions

2.—(1) In these Regulations —

“applicable requirements of the Act”, for a WQMP water provider, means —

- (a) the prohibition in section 115 of the Act against supplying drinking water that is unwholesome;
- (b) any requirements of the Act and these Regulations with respect to —
 - (i) the production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider’s drinking water service; and

(ii) the supply of that drinking water in the course of the WQMP water provider's drinking water service; and

(c) any directions given by the Director-General under section 116 of the Act to the WQMP water provider;

“approved”, in relation to a drinking water quality management plan, means approved, or deemed approved under paragraph (2), by the Agency under these Regulations;

“business address” means the address of —

(a) for a partnership (other than a limited liability partnership) — the partnership's principal place of business in Singapore;

(b) for a body corporate — the body corporate's registered office or principal office in Singapore;

(c) for an unincorporated association — the unincorporated association's principal office in Singapore;

(d) for an individual carrying on business as a sole proprietor — the individual's principal place of business in Singapore; or

(e) for any other individual — the individual's place of residence or workplace in Singapore;

“chemical parameter” means any chemical mentioned in the first column of the table in Part 4 of the First Schedule;

“contact address”, for a person, means an address (which may be an email address or a business address) nominated by the person as the address at which notices and other documents under the Act for the person may be given or served;

“drinking water” excludes packaged drinking water;

“drinking water quality management plan” has the meaning given by regulation 9;

“employee”, in relation to a WQMP water provider, means an individual —

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- (a) who is directly employed, contracted, or otherwise engaged, to do work in the service or on behalf of the WQMP water provider;
 - (b) who is contracted or engaged by the WQMP water provider to do work on behalf of the WQMP water provider; or
 - (c) who is under an arrangement (like a secondment) making available temporarily to the WQMP water provider the services of that individual to do work;

“existing WQMP water provider” has the meaning given by paragraph (2);

“former Regulations” means the Environmental Public Health (Water Suitable for Drinking) (No. 2) Regulations 2019 (G.N. No. S 274/2019) as in force on the relevant date;

“hazard” means a biological, chemical, physical or radiological agent that has the potential to cause harm;

“identity particulars” means —

(a) for an individual —

- (i) the full name of the individual;
- (ii) the number of the individual’s identity card, or of the individual’s passport or work pass if he or she is not a citizen of Singapore; and
- (iii) the nationality of the individual; or

(b) for an entity —

- (i) the full name of the entity;
- (ii) the country where the entity was incorporated or otherwise formed; and
- (iii) the Unique Entity Number (UEN) of the entity, where available;

“non-chemical parameter” means any of the following:

- (a) any microbial parameter, being any organism mentioned in the first column of the table in Part 1 of the First Schedule;
- (b) any physico-chemical parameter, being any property or characteristic mentioned in the first column of the table in Part 2 of the First Schedule;
- (c) any radiological parameter, being any property or characteristic mentioned in the first column of the table in Part 3 of the First Schedule;

“parameter” includes any chemical or non-chemical parameter;

“relevant date” means the date immediately before the commencement of these Regulations;

“risk management plan” includes a water sampling plan mentioned in paragraph (2)(b);

“WQMP water provider” means a drinking water producer to whom Part 3 applies.

(2) Where, on the relevant date, a drinking water producer —

- (a) provides a drinking water service; and
- (b) has and maintains a water safety plan and a water sampling plan under the former Regulations, each of which —
 - (i) is applicable to the drinking water service; and
 - (ii) is approved under the former Regulations by the Director-General, Food Administration appointed under the Sale of Food Act 1973,

the drinking water producer is called an existing WQMP water provider for the purpose of these Regulations, and both that water safety plan and water sampling plan are deemed to continue as if they were a single drinking water quality management plan approved by the Agency under these Regulations for that drinking water service.

(3) Where the time specified by these Regulations for doing any act expires on a Saturday, Sunday or public holiday, the act is on time if

done on the next following day that is not a Saturday, Sunday or public holiday.

Meaning of drinking water supplied “in bulk”

3. For the purposes of the definition of “in bulk” in section 114(1) of the Act, the prescribed volume is 4 cubic metres.

PART 2

UNWHOLESOME DRINKING WATER

Quality, purity and general appearance to be wholesome

4. For the purposes of section 115(4)(a) of the Act, the prescribed requirements concerning the quality, purity and general appearance of drinking water are specified in the First Schedule.

Methodology or assessment to determine contaminant, substance or organism

5. For the purposes of section 115(4)(b) of the Act, the prescribed methodology or assessment to determine if drinking water contains any contaminant, substance or organism is specified in the Second Schedule.

PART 3

WQMP WATER PROVIDERS

Application of this Part

6.—(1) This Part applies to and in relation to a drinking water producer providing a drinking water service, but only if the drinking water production carried on by the drinking water producer is capable of producing more than 4 cubic metres of drinking water per day.

(2) The following are immaterial for the purposes of paragraph (1):

- (a) the drinking water actually obtained from any drinking water production carried on by a drinking water producer is 4 cubic metres or lesser per day;

- (b) the drinking water supplied by a drinking water producer in the course of providing a drinking water service is not more than 4 cubic metres per day.

(3) This Part also applies to an existing WQMP water provider.

(4) This Part ceases to apply to and in relation to a drinking water producer providing a drinking water service if the drinking water capable at any time of being obtained from the drinking water production carried on by the drinking water producer is permanently 4 cubic metres or lesser per day.

WQMP water provider must prepare, implement and review drinking water quality management plan

7.—(1) Subject to these Regulations, a WQMP water provider who provides a drinking water service must —

- (a) prepare a drinking water quality management plan in relation to —
 - (i) its production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider’s drinking water service; and
 - (ii) its supply of that drinking water in the course of the WQMP water provider’s drinking water service;
- (b) implement such a drinking water quality management plan as approved under these Regulations and comply with any requirements set out in the plan in relation to —
 - (i) its production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider’s drinking water service; and
 - (ii) its supply of that drinking water in the course of the WQMP water provider’s drinking water service;
- (c) keep the approved drinking water quality management plan under continuous review with a view to updating and improving it; and
- (d) amend any aspect of the approved drinking water quality management plan that is found to need amending —

(i) on review by the WQMP water provider or the Agency under these Regulations; or

(ii) by the Director-General under section 116 of the Act.

(2) Paragraph (1)(a) does not apply to an existing WQMP water provider who provides a drinking water service if, on the commencement of these Regulations, the existing WQMP water provider is, by virtue of regulation 2(2), treated as having an approved drinking water quality management plan in relation to —

(a) its production of the drinking water that the existing WQMP water provider supplies in the course of the existing WQMP water provider's drinking water service; and

(b) its supply of that drinking water in the course of the existing WQMP water provider's drinking water service.

Approval of drinking water quality management plan

8.—(1) Subject to paragraph (5), a WQMP water provider who provides a drinking water service must —

(a) prepare a drinking water quality management plan relating to —

(i) the production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider's drinking water service; and

(ii) the supply of that drinking water in the course of the WQMP water provider's drinking water service; and

(b) apply to the Agency for approval of the drinking water quality management plan required by sub-paragraph (a) in relation to the WQMP water provider's drinking water service.

(2) The application must —

(a) be in the form specified for this purpose on the Internet website at <https://www.sfa.gov.sg>;

(b) be accompanied by a copy of the drinking water quality management plan relating to —

(i) the production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider's drinking water service; and

(ii) the supply of that drinking water in the course of the WQMP water provider's drinking water service; and

(c) specify the applicant's contact address.

(3) After considering any application under paragraph (1) by a WQMP water provider who provides a drinking water service, the Agency may —

(a) approve the drinking water quality management plan that is the subject of the application; or

(b) disapprove the drinking water quality management plan that is the subject of the application.

(4) The Agency may require a WQMP water provider applying under paragraph (1) to amend and re-submit any part of a drinking water quality management plan to which the application relates for the purpose of assessing the application.

(5) This regulation does not apply to an existing WQMP water provider who provides a drinking water service if, on the commencement of these Regulations, the existing WQMP water provider is, by virtue of regulation 2(2), treated as having an approved drinking water quality management plan in relation to —

(a) the production of the drinking water that the existing WQMP water provider supplies in the course of the existing WQMP water provider's drinking water service; and

(b) the supply of that drinking water in the course of the existing WQMP water provider's drinking water service.

What is drinking water quality management plan**9. Each drinking water quality management plan must —**

- (a) state —
 - (i) the drinking water service to which the plan applies;
 - (ii) the identity particulars of the WQMP water provider supplying drinking water supplied by the WQMP water provider in the course of providing that drinking water service; and
 - (iii) the WQMP water provider's telephone number, business address and contact address;
- (b) include details about the system (particularly the infrastructure) for —
 - (i) the production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider's drinking water service; and
 - (ii) the supply of that drinking water in the course of the WQMP water provider's drinking water service;
- (c) include details of the policies, procedures and practices established by the WQMP water provider so as to monitor and ensure the compliance by the WQMP water provider with the applicable requirements of the Act so far as they relate to —
 - (i) the production of the drinking water that the WQMP water provider intends to supply in the course of the WQMP water provider's drinking water service; and
 - (ii) the supply of that drinking water in the course of the WQMP water provider's drinking water service;
- (d) contain a risk management plan (as described in regulation 10) that is proportionate to the scale and complexity of, and the risks that relate to, the drinking water service to which the drinking water quality management plan applies;

- (e) set out measures to deal with customer complaints about the drinking water supplied by the WQMP water provider, and the processes to handle and dispose of the complaints;
- (f) identify how the drinking water quality management plan will be reviewed with a view to updating and improving it, and how its implementation will be revised, if necessary, to ensure that drinking water supplied by the WQMP water provider complies with the applicable requirements of the Act mentioned in sub-paragraph (c);
- (g) identify how the supply of drinking water in the course of the WQMP water provider's drinking water service will be monitored to ensure that drinking water supplied by the WQMP water provider complies with the applicable requirements of the Act mentioned in sub-paragraph (c); and
- (h) include procedures to verify that the drinking water quality management plan is working effectively.

What is risk management plan

10.—(1) A risk management plan for the drinking water service to which a drinking water quality management plan applies is a document —

- (a) that identifies the hazards and risks to the quality of the drinking water supplied or to be supplied in the course of providing that drinking water service, including emerging or potential hazards and risks;
- (b) that assesses those hazards and risks identified under sub-paragraph (a);
- (c) that sets out the steps to be taken to manage, control or eliminate those hazards and risks identified in the risk management plan, including the development and implementation of preventative strategies to ensure that the supply of drinking water complies with the applicable requirements of the Act mentioned in regulation 9(c);

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- (d) that identifies how the supply of drinking water in the course of the drinking water service will be monitored to ensure that the supply of drinking water complies with the applicable requirements of the Act mentioned in regulation 9(c);
 - (e) that contains the following information:
 - (i) the positions held by the WQMP water provider's employees responsible for managing those hazards and risks identified in the risk management plan;
 - (ii) the identity particulars of each employee in sub-paragraph (i) and each employee's telephone number, email address and contact address;
 - (f) that sets out details of the requirements for training of personnel who are employed or engaged by the WQMP water provider, as they relate to the monitoring and management of the hazards and risks identified in the risk management plan, including policies, standards and guidelines that are imposed or adopted by the WQMP water provider;
 - (g) that sets out details of the infrastructure and other features of the system of supply that are designed to assist in the management of the hazards and risks to the quality of the drinking water that are identified in the risk management plan, including the method by which the effectiveness of the infrastructure and other features is verified;
 - (h) that sets out details of the activities undertaken, and measures taken, to monitor and manage hazards and risks to the quality of the water that are identified in the risk management plan, including any methods by which the effectiveness of the activities and measures are verified;
 - (i) that sets out details of procedures and management systems for —
 - (i) ensuring that the amount and purity of chemicals added to drinking water does not adversely affect the

quality of that water or pose a risk to human health;
and

- (ii) controlling any residue or chemical by-products imparted to drinking water as a result of the addition of chemicals to water supplied for drinking purposes;
- (j) that contains all the following information if the risk management plan is prepared by a WQMP provider that operates and maintains drinking water treatment processes:
- (i) all critical control points in the drinking water treatment processes;
 - (ii) the critical limits relevant to each critical control point that is detailed in the risk management plan;
 - (iii) any actions, procedures, processes, policies, standards or guidelines that are applied when a critical limit is reached;
- (k) that includes a multi-barrier approach to drinking water safety that will be implemented as part of the risk management plan; and
- (l) that sets out —
- (i) monitoring and testing requirements associated with the quality of the drinking water (called a monitoring program) in accordance with regulation 11; and
 - (ii) incident identification, notification and response procedures (called an incident identification and notification protocol) in accordance with regulation 12.
- (2) For the purposes of paragraph (1)(j) —
- “critical control point” means an activity, procedure or process at which control can be applied, where the effective operation of that control is essential to prevent a hazard that may arise to human health or reduce the hazard to an acceptable level;

“critical limit”, in relation to a critical control point, means the value or limit at which the critical control point will cease operating effectively and that risk to human health arising from the drinking water being treated may not be effectively managed.

(3) For the purposes of paragraph (1)(k), a multi-barrier approach to drinking water safety is one that the Agency considers will —

- (a) prevent hazards from entering the raw water;
- (b) remove particles, pathogens, and chemical and radiological hazards from the water;
- (c) kill or inactivate pathogens in the water; and
- (d) maintain the quality of the water in the reticulation system.

Monitoring program

11.—(1) The monitoring program mentioned in regulation 10(1)(l)(i) must contain all the following details about the sampling and testing of the drinking water supplied or to be supplied in the course of a WQMP water provider’s drinking water service:

- (a) the locations at which samples of the drinking water will be collected;
- (b) the frequency at which those samples will be collected;
- (c) how the locations for collection of those samples have been selected, including describing how the following matters were considered when determining the locations for collection of samples and the frequency of collection of those samples:
 - (i) the need to select the locations from which samples will be taken with a view to ensuring that the samples collected in accordance with the monitoring program are representative of the drinking water supplied;
 - (ii) the need to have a sufficient number of samples of drinking water collected to ensure that those samples

are, so far as practicable, representative of the drinking water supplied;

- (d) the sampling protocol;
- (e) the parameters for which those samples will be tested and the frequency at which tests will be conducted for each parameter, including —
 - (i) how the selection of the parameters and the frequency of testing for each parameter will assist the water supplier to monitor its compliance with the drinking water quality standards; and
 - (ii) how the chemicals and other substances used to disinfect or treat the drinking water being supplied have been considered when selecting the parameters and the frequency for testing the parameters;
- (f) the test methods to be used;
- (g) the measures taken to prevent the contamination or adulteration of samples obtained under the monitoring program;
- (h) the frequency at which the results of tests conducted are to be submitted to the Agency.

(2) The monitoring program mentioned in regulation 10(1)(l)(i) must also provide for every sample of drinking water obtained under the monitoring program to be tested in —

- (a) a testing laboratory accredited by the Singapore Accreditation Council to conduct the required test; or
- (b) any other place allowed in writing by the Agency in any particular case, after taking into account whether the time taken to carry out the test in a testing laboratory in sub-paragraph (a) may cause the test results to be unreliable, and only if the Agency is satisfied that the kit or equipment used to test the samples —
 - (i) is able to perform the required analysis;
 - (ii) is calibrated and accurate; and

(iii) is maintained in good working condition.

Incident identification and notification protocol

12.—(1) An incident identification and notification protocol mentioned in regulation 10(1)(l)(ii) must contain the following information:

- (a) the details of or reference to arrangements and procedures for dealing with an incident, event or emergency that may —
 - (i) adversely affect the quality or safety of drinking water; or
 - (ii) result in drinking water being supplied that poses a risk to human health;
- (b) the details of the steps to be taken to manage, control or eliminate the adverse effects or risks in sub-paragraph (a), if there is a reasonable likelihood that any such incident, event or emergency has happened or is about to happen, including —
 - (i) investigating the source or cause of the incident, event or emergency;
 - (ii) taking remedial action to manage, control or eliminate those adverse effects or risks;
 - (iii) identifying and implementing measures required to ensure that those adverse effects or risks do not reoccur;
 - (iv) taking practicable steps to advise affected customers and other WQMP water providers of those adverse effects or risks and what measures should be taken to protect public health (for example, boiling drinking water);
- (c) the positions held by the WQMP water provider's employees responsible for dealing with any such incident, event or emergency;

- (d) the identity particulars of each employee in sub-paragraph (c) and each such employee's telephone number, email address and contact address;
- (e) the methods for communicating or disseminating information to the Agency and the public in relation to any such incident, event or emergency.

(2) To avoid doubt, paragraph (1)(b) does not extend beyond the point of supply of drinking water in the course of providing a drinking water service.

Review of drinking water quality management plan

13.—(1) Subject to paragraph (2), a WQMP water provider who provides a drinking water service must —

- (a) at least once —
 - (i) in the year in which these Regulations commence; or
 - (ii) in the year following the year in which the first drinking water quality management plan is approved by the Agency under these Regulations upon its preparation, in any other case; and
- (b) at least once in every year subsequent to the initial year in sub-paragraph (a),

review the approved drinking water quality management plan relating to the WQMP water provider's drinking water service, with a view to updating and improving the plan.

(2) An existing WQMP water provider who has, no later than the relevant date, started to review, for the year 2025, the water safety plan applicable to the drinking water service provided by the existing WQMP water provider, as required by the former Regulations, may continue with the review as if started in compliance with paragraph (1)(a)(i) for the year 2025.

(3) A person who contravenes paragraph (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$5,000.

(4) Strict liability applies to the offence in paragraph (3).

Report of review of drinking water quality management plan

14.—(1) After each review of an approved drinking water quality management plan required by regulation 13, the WQMP water provider must give to the Agency a report of the review —

- (a) in the form specified for this purpose on the Internet website at <https://www.sfa.gov.sg>; and
- (b) no later than 31 December of the year in which the review is conducted, or such later time as an authorised officer may allow in any particular case.

(2) The report of a review of an approved drinking water quality management plan may include one or more proposals to amend the approved drinking water quality management plan.

(3) Paragraph (1) does not apply to an existing WQMP water provider who, no later than the relevant date, has submitted to the Director-General, Food Administration appointed under the Sale of Food Act 1973, a report of the review required by the former Regulations for the year 2025 of the water safety plan applicable to the drinking water service provided by the existing WQMP water provider; and that report is deemed to be a report of the review for the year 2025 of a drinking water quality management plan submitted under this regulation.

(4) A person who contravenes paragraph (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$5,000.

(5) Strict liability applies to the offence in paragraph (4).

Remedial action for failing to review drinking water quality management plan

15.—(1) Where the Agency considers that a review of a drinking water quality management plan under regulation 13 was not carried out, the Agency may in a written notice, direct the WQMP water provider concerned to carry out the review and give to the Agency a report of the further review by the date specified in that written notice.

(2) A person to whom a written notice is given under paragraph (1) commits an offence if the person neglects or refuses to comply with

the written notice, and shall be liable on conviction to a fine not exceeding \$8,000.

(3) Paragraph (2) does not apply if the person has a reasonable excuse.

Amendment of drinking water quality management plan

16.—(1) This regulation applies if a WQMP water provider proposes to amend the WQMP water provider's approved drinking water quality management plan and the amendment is not an amendment mentioned in regulation 17.

(2) The WQMP water provider must apply to the Agency for approval of every proposed amendment or replacement of an approved drinking water quality management plan relating to the WQMP water provider's drinking water service.

(3) Regulations 8(2), (3) and (4), 9, 10, 11 and 12 apply to an application under paragraph (1) and the proposed amended drinking water quality management plan as if a reference in those regulations to the drinking water quality management plan were a reference to the drinking water quality management plan proposed for amendment.

(4) An approved drinking water quality management plan relating to a WQMP water provider's drinking water service is superseded by an approval by Agency under this regulation to amend the drinking water quality management plan, and that drinking water quality management plan as amended with the Agency's approval is taken to be the last approved drinking water quality management plan.

Minor amendment of drinking water quality management plan

17.—(1) A WQMP water provider may, with the Agency's agreement, amend the WQMP water provider's approved drinking water quality management plan if the amendment —

- (a) is only to correct a minor error in the plan or make another change that is not a change of substance; or
- (b) is to record a change of name of the WQMP water provider.

(2) An approved drinking water quality management plan relating to a WQMP water provider's drinking water service is superseded by an agreement by the Agency under paragraph (1) to amend the drinking water quality management plan, and that drinking water quality management plan as amended with the Agency's agreement is taken to be the last approved drinking water quality management plan.

Record keeping requirement

18.—(1) Every WQMP water provider who provides a drinking water service must keep and maintain, in such form as the Agency may require, and for as long as required under this regulation, complete and accurate records of —

- (a) every drinking water quality management plan relating to the WQMP water provider's drinking water service as approved by the Agency under these Regulations;
- (b) the result of every test and analysis undertaken by the WQMP water provider in accordance with the monitoring program under regulation 11; and
- (c) every remedial measure and other action taken by the WQMP water provider in accordance with the incident identification and notification protocol under regulation 12.

(2) The period that a WQMP water provider must keep and retain a record mentioned in paragraph (1) is as follows:

- (a) for records relating to a drinking water quality management plan relating to the WQMP water provider's drinking water service —
 - (i) in the case of the last approved drinking water quality management plan — at least 5 years after the date the WQMP water provider stops providing the drinking water service; or
 - (ii) in the case of a superseded drinking water quality management plan under regulation 16 or 17 — at

least 5 years after the Agency approves or agrees to the amendment resulting in the superseding;

- (b) for records relating to the monitoring program relating to the WQMP water provider's drinking water service —
 - (i) in the case of a monitoring program in the last approved drinking water quality management plan — at least 10 years after the date the WQMP water provider stops providing the drinking water service; or
 - (ii) in the case of a superseded monitoring program under regulation 16 or 17 — at least 5 years after the Agency approves or agrees to the amendment resulting in the superseding;
- (c) for records of any report relating to a test and analysis of a chemical parameter in accordance with the monitoring program under regulation 11 — for at least 10 years after the date of the report;
- (d) for records of any report relating to a test and analysis of a non-chemical parameter in accordance with the monitoring program under regulation 11 — for at least 5 years after the date of the report;
- (e) for records of any remedial measure or other action taken by the WQMP water provider in accordance with the incident identification and notification protocol under regulation 12 — for at least 5 years after the date the remedial measure or action was taken.

(3) A person who contravenes paragraph (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$8,000.

(4) Strict liability applies to the offence in paragraph (3).

Providing drinking water service without approved drinking water quality management plan

19.—(1) A WQMP water provider must not provide a drinking water service unless there is an approved drinking water quality management plan applicable to that drinking water service.

(2) A WQMP water provider who contravenes paragraph (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$10,000 and, in the case of a continuing offence, to a further fine not exceeding \$1,000 for every day or part of a day during which the offence continues after conviction.

(3) Strict liability applies to the offence in paragraph (2).

Non-compliance with approved drinking water quality management plan

20.—(1) A WQMP water provider must not provide a drinking water service except in compliance with an approved drinking water quality management plan applicable to that drinking water service.

(2) A WQMP water provider who contravenes paragraph (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$10,000 and, in the case of a continuing offence, to a further fine not exceeding \$1,000 for every day or part of a day during which the offence continues after conviction.

(3) Strict liability applies to the offence in paragraph (2).

FIRST SCHEDULE

Regulations 2 and 4

QUALITY REQUIREMENTS OF DRINKING WATER

PART 1

MICROBIAL PARAMETERS

<i>First column</i>	<i>Second column</i>
1. <i>Escherichia coli</i> (or alternatively, thermotolerant coliform bacteria)	Must not be detectable in any 100-millilitre sample

PART 2

PHYSICO-CHEMICAL PARAMETERS

<i>First column</i>	<i>Second column</i>
1. Colour	Must not exceed 15 True Colour Units
2. Turbidity	Must not exceed 5 Nephelometric Turbidity Units
3. pH	6.5-9.5 (if the water is provided by a WQMP water provider using a distribution network main connected to the service pipes or storage tanks in any area or to any premises)

PART 3

RADIOLOGICAL PARAMETERS

<i>First column</i>	<i>Second column</i>
1. Gross Alpha activity	Must not exceed 0.5 becquerel/litre
2. Gross Beta activity	Must not exceed 1 becquerel/litre
3. Radon 222 concentration	Must not exceed 100 becquerel/litre

FIRST SCHEDULE — *continued*

PART 4

CHEMICAL PARAMETERS

<i>First column</i>	<i>Second column</i>
<i>Chemical</i>	<i>Maximum prescribed quantity (milligrams/litre)</i>
1. Acrylamide	0.0005
2. Alachlor	0.02
3. Aldicarb Sulfoxide and Aldicarb Sulfone	0.01
4. Combined Aldrin and Dieldrin	0.00003
5. Antimony	0.02
6. Arsenic	0.01
7. Atrazine and its chloro-s-triazine metabolites	0.1
8. Barium	1.3
9. Bentazone	0.5
10. Benzene	0.01
11. Benzo[<i>a</i>]pyrene	0.0007
12. Boron	2.4
13. Bromate	0.01
14. Bromodichloromethane	0.06
15. Bromoform	0.1
16. Cadmium	0.003
17. Carbofuran	0.007
18. Carbon tetrachloride	0.004
19. Chlorate	0.7
20. Chlordane	0.0002
21. Chlorine	5
22. Chlorite	0.7
23. Chloroform	0.3

FIRST SCHEDULE — *continued*

<i>First column</i>	<i>Second column</i>
<i>Chemical</i>	<i>Maximum prescribed quantity (milligrams/litre)</i>
24. Chlorotoluron	0.03
25. Chlorpyrifos	0.03
26. Chromium, in all forms as a total	0.05
27. Copper	2
28. Cyanazine	0.0006
29. Cyanide	0.07
30. Cyanide in Cyanogen Chloride form as part of total cyanogenic compounds	0.07
31. Cyanuric acid	40
32. 2,4-D (2,4-dichlorophenoxyacetic acid) in free acid form	0.03
33. 2,4-DB [4-(2,4-Dichlorophenoxy) butyric acid]	0.09
34. DDT (dichlorodiphenyltrichloroethane) and metabolites	0.001
35. Di(2-ethylhexyl)phthalate	0.008
36. Dibromoacetonitrile	0.07
37. Dibromochloromethane	0.1
38. 1,2-Dibromo-3-chloropropane	0.001
39. 1,2-Dibromoethane (Dibromoethane, 1,2-)	0.0004
40. Dichloroacetate	0.05
41. Dichloroacetonitrile	0.02
42. 1,2-Dichlorobenzene (Dichlorobenzene, 1,2-)	1
43. 1,4-Dichlorobenzene (Dichlorobenzene, 1,4-)	0.3

FIRST SCHEDULE — *continued*

<i>First column</i>	<i>Second column</i>
<i>Chemical</i>	<i>Maximum prescribed quantity (milligrams/litre)</i>
44. 1,2-Dichloroethane (Dichloroethane, 1,2-)	0.03
45. 1,2 Dichloroethene (Dichloroethene, 1,2)	0.05
46. Dichloromethane	0.02
47. 1,2-Dichloropropane (Dichloropropane, 1,2-; 1,2-DCP)	0.04
48. 1,3-Dichloropropene (Dichloropropene 1,3-)	0.02
49. Dichlorprop	0.1
50. Dichlorvos	0.02
51. Dicofol	0.01
52. Dimethoate	0.006
53. Dioxane, 1,4-(1,4-Dioxane)	0.05
54. Diquat	0.03
55. Edetic acid (EDTA-Ethylene Diamine Tetraacetic Acid) in free acid form	0.6
56. Endrin	0.0006
57. Epichlorohydrin	0.0004
58. Ethylbenzene	0.3
59. Fenoprop (2,4,5-TP; 2,4,5-trichlorophenoxy propionic acid)	0.009
60. Fluoride	0.7
61. Glyphosate and aminomethylphosphonic acid (AMPA)	0.9
62. Hexachlorobutadiene (HCBd)	0.0006
63. Hydroxyatrazine	0.2
64. Isoproturon	0.009

FIRST SCHEDULE — *continued*

<i>First column</i>	<i>Second column</i>
<i>Chemical</i>	<i>Maximum prescribed quantity (milligrams/litre)</i>
65. Lead	0.01
66. Lindane	0.002
67. Malathion	0.9
68. Manganese	0.4
69. MCPA[(4-Chloro-2-methylphenoxy) acetic acid; 4-(2-methyl-4- chlorophenoxy)acetic acid]	0.7
70. Mecoprop {MCP; [2(2-methyl- chlorophenoxy) propionic acid]}	0.01
71. Mercury, in inorganic form	0.006
72. Methoxychlor	0.02
73. Metolachlor	0.01
74. Microcystin-LR, in free and cellbound forms as a total	0.001
75. Molinate	0.006
76. Molybdenum	0.07
77. Monochloramine	3
78. Monochloroacetate	0.02
79. N-Nitrosodimethylamine (NDMA)	0.0001
80. Nickel	0.07
81. Nitrate (as NO ₃ ⁻)	50
82. Nitrate plus nitrite combined	The sum of the ratios of the concentrations of each to their maximum prescribed quantity must not exceed 1
83. Nitrilotriacetic acid (NTA)	0.2
84. Nitrite (as NO ₂ ⁻)	3
85. Pendimethalin	0.02

FIRST SCHEDULE — *continued*

<i>First column</i>	<i>Second column</i>
<i>Chemical</i>	<i>Maximum prescribed quantity (milligrams/litre)</i>
86. Pentachlorophenol (PCP)	0.009
87. Perchlorate	0.07
88. Permethrin, where used as a larvicide for public health purposes	0.3
89. Pyriproxyfen	0.3
90. Selenium	0.04
91. Simazine	0.002
92. Sodium dichloroisocyanurate	50
93. Sodium dichloroisocyanurate as cyanuric acid	40
94. Styrene	0.02
95. 2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.009
96. Terbutylazine (TBA)	0.007
97. Tetrachloroethene	0.04
98. Toluene	0.7
99. Trichloroacetate	0.2
100. Trichloroethene	0.02
101. Trichlorophenol, 2,4,6-(2,4,6- Trichlorophenol)	0.2
102. Trifluralin	0.02
103. Trihalomethanes	<p>The sum of the ratio of the concentration of each Trihalomethane¹ to its respective maximum prescribed quantity must not exceed 1</p> <p>¹ Refers to bromoform, bromodichloromethane, dibromochloromethane and chloroform</p>

FIRST SCHEDULE — *continued*

<i>First column</i>	<i>Second column</i>
<i>Chemical</i>	<i>Maximum prescribed quantity (milligrams/litre)</i>
104. Uranium (only chemical aspects of uranium addressed)	0.03
105. Vinyl chloride	0.0003
106. Xylenes	0.5

SECOND SCHEDULE

Regulation 5

METHODOLOGY AND ASSESSMENT FOR
QUALITY OF DRINKING WATER

1. Calculate the guideline value for the contaminant, substance or organism based on a methodology, assessment or approach used for derivation of guideline value, available under the most recent edition of the Guidelines for Drinking-water Quality, published by the World Health Organization (WHO).
2. The data used for derivation of guideline value must be based on uncertainty factors, relative source allocation for drinking water, default assumptions or any other data used by the WHO in the stated Guidelines, or published in the most recent edition of the background document for development of WHO Guidelines for Drinking-water Quality for any contaminant, substance or organism.
3. Compare the guideline value calculated above with the level or concentration of the contaminant, substance or organism found in the drinking water supplied by a drinking water producer providing a drinking water service.
4. The drinking water is wholesome if the level or concentration of the contaminant, substance or organism in drinking water does not exceed the calculated guideline value.

Made on 19 November 2025.

LIM CHUAN POH
Chairperson,
Singapore Food Agency.

[AG/LEGIS/SL/111D/2025/4]

(To be presented to Parliament under section 316 of the Food Safety and Security Act 2025).