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WATER SERVICES INDUSTRY ACT 2006

WATER SERVICES INDUSTRY (PLANNING, DESIGN AND  
CONSTRUCTION OF SEWERAGE SYSTEM AND SEPTIC TANK)  
RULES 2013

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ARRANGEMENT OF RULES

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PART I

PRELIMINARY

Rule

1. Citation and commencement
2. Interpretation

PART II

GENERAL

3. Application of Rules
4. Responsibility of developer
5. Planning procedures for development

PART III

SEWERAGE PLANNING

6. Conditions for preparation of sewerage planning
7. Application for approval of sewerage planning
8. Amendment to sewerage planning
9. Approval of sewerage planning
10. Validity period for approval of sewerage planning

PART IV

DESIGN

11. Conditions for preparation of design
12. Application for approval of design

Rule

13. Competent person to amend design
14. Approval of design
15. Validity period for approval of design

PART V

CONSTRUCTION

Chapter 1

*General requirements*

16. Commencement of construction
17. Compliance during construction
18. Inspection by the Commission
19. Samples for testing

Chapter 2

*Construction of sewerage works*

20. Notice for commencement of construction of sewerage works
21. Notice to lay open works

Chapter 3

*Construction of septic tank works*

22. Notice for commencement of construction of septic tank works
23. Notice of completion of septic tank works

PART VI

INSPECTION AND LETTER OF CONFIRMATION

Chapter 1

*Inspection of sewerage works*

24. Intermediate inspection
25. Notice of final inspection
26. Surrender of land and way leave

## Chapter 2

*Letter of Confirmation*

## Rule

27. Letter of confirmation for sewerage works and septic tank works

## PART VII

## HANDING OVER OF SEWERAGE SYSTEM

28. Handing over of sewerage system
29. Operations and maintenance of sewerage system before handing over
30. Defects liability period

## PART VIII

## COMPETENT PERSON

31. Responsibility of competent person
32. Obligation of competent person
33. Change of competent person
34. Liability of competent person

## PART IX

## FEES

35. Payment of fees for sewerage planning approval
36. Payment of fees for design approval
37. Payment of fees for commencement of sewerage works
38. Payment of fees for intermediate inspection
39. Payment of fees for final inspection

SCHEDULE 1

SCHEDULE 2

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WATER SERVICES INDUSTRY ACT 2006

WATER SERVICES INDUSTRY (PLANNING, DESIGN AND CONSTRUCTION OF  
SEWERAGE SYSTEM AND SEPTIC TANK) RULES 2013

IN exercise of the powers conferred by paragraphs 180(*n*) and (*p*) of the Water Services Industry Act 2006 [Act 655], the Commission makes the following rules:

PART I

PRELIMINARY

**Citation and commencement**

1. (1) These rules may be cited as the **Water Services Industry (Planning, Design and Construction of Sewerage System and Septic Tank) Rules 2013**.
- (2) These Rules come into operation on 1 July 2013.

**Interpretation**

2. In these Rules unless the context otherwise requires—

“architect” means any person who is registered as an architect under any law relating to the registration of architects in Malaysia and who under that law is allowed to practice or carry on business as an architect;

“Form” means the relevant forms set out in the Guidelines;

“Guidelines” means the Malaysian Sewerage Industry Guidelines issued by the Commission including any amendments thereto from time to time;

“engineer” means a person who is registered as a professional engineer under any law relating to the registration of engineers in Malaysia and who under the law is allowed to practice or carry on the business of a professional engineer;

“sewerage works” means—

- (a) any construction, installation, upgrading, refurbishment, alteration, modification, disconnection, relocation or closing up of a sewerage system, individual internal sewerage piping, common internal sewerage piping or any part thereof; or
- (b) construction of a connection to a sewer;

“septic tank works” means any construction, installation, refurbishment, alteration, modification, decommissioning or relocation of a septic tank or any part thereof;

“competent person” means a person who is qualified to submit sewerage planning and design, supervise the construction, installation, testing and inspection of the sewerage works or septic tank works as particularly set out in the Schedule 1;

“sewerage development plan” means detailed plans incorporating the needs in respect of the development and improvement of a sewerage system and measures for any existing sewerage system prepared by a licensee and approved by the Commission;

“sewerage catchment plan” means plans formulating the policy, strategy and general proposals prepared by the Commission to address the sewerage needs for an area;

“registered building draughtsman” for the purpose of these Rules means any building draughtsman who is registered under the relevant laws of Malaysia;

“developer” means any person or government agency that engages in or carries out or undertakes or provides monies for developing sewerage works or septic tank works;

“permit holder” means any person issued with permit IPA Type B or Type C under the Water Services Industry (Permit) Rules 2007 [*P.U. (A) 438/2007*];

“town planner” means any person who is registered as a town planner under any law relating to the registration of town planner in Malaysia and who under that law is allowed to practice or carry on business as a town planner;

“sewerage planning” means the reports together with plans detailing the location, layout and arrangement of sewerage works or septic tank works;

“PE” means the population equivalent in terms of fixed population of a varying or transient population for domestic wastes from sectors which include residential, commercial and industrial that contribute flow to the sewerage system;

“planning procedures” means procedures, policies and guidelines issued by the Commission from time to time pertaining to the planning of sewerage system or septic tank in any area;

“design” means the detailed design, plan, calculation, drawing and specification;

“Standards” means any Malaysian standards, international standards, specification and codes of practice recognized by the Commission.

## PART II

## GENERAL

**Application of Rules**

3. These Rules shall also be applicable to any submission made for sewerage works or septic tank works that has commenced before the coming into force of these Rules.

**Responsibility of developer**

4. (1) The developer shall ensure that the—

- (a) sewerage planning and design of sewerage works and septic tank works are prepared in accordance with these Rules;
- (b) sewerage planning and design of sewerage works and septic tank works are submitted by a competent person to the Commission for approval;
- (c) construction of the sewerage works are carried out by permit holders;
- (d) supervision of the sewerage works and septic tank works are carried out by competent person; and
- (e) development is in accordance with sewerage development plan if there is a sewerage development plan for the developer's development area.

(2) A developer who fails to comply with paragraph (1)(a), (b), (c), (d) or (e) commits an offence and shall, on conviction, be liable to a fine not exceeding three hundred thousand ringgit or to an imprisonment for a term of not exceeding one year or to both.

(3) The developer shall be responsible for the payment of the fees stipulated under Part IX.

**Planning procedure for development**

5. The Commission may issue planning procedures for any development as follows:

- (a) general requirement for planning of sewerage system and septic tank;
- (b) requirement and criteria for the design of sewerage works or septic tank works to comply with—
  - (i) environmental discharge standards; and
  - (ii) requirements of the sewerage catchment area;

- (c) integration of sewerage planning with the sewerage systems in existence, planned or under construction in the area where the development is situated.

### PART III

#### SEWERAGE PLANNING

##### **Conditions for preparation of sewerage planning**

6. (1) The sewerage planning for sewerage works or septic tank works shall be prepared in compliance with—

- (a) planning procedure;
- (b) Guidelines; and
- (c) sewerage catchment plan.

(2) Where there is a sewerage development plan for the development area, the sewerage planning for sewerage works or septic tank works shall be prepared further to comply with the said sewerage development plan.

(3) The sewerage planning for sewerage works or septic tank works shall be prepared taking into consideration the following:

- (a) the layout and location of the sewerage system or septic tank;
- (b) the overall project development layout;
- (c) the type of sewage treatment process;
- (d) the connection point to the existing sewerage system;
- (e) the position of and access to sewerage ancillaries;
- (f) the integration of the proposed sewerage works or septic tank works with existing or future sewerage system in the vicinity of the proposed sewerage works or septic tank works;
- (g) the discharge point for treated effluent;
- (h) Standards; and
- (i) any information or documents as the Commission may require.

##### **Application for approval of sewerage planning**

7. The competent person shall apply to the Commission for the approval of sewerage planning for sewerage works or septic tank works by submitting—

- (a) a duly completed Form for the application for sewerage planning approval;
- (b) a written consent from the owner of the land where the sewerage system or the septic tank will be constructed; and

- (c) any document, report, plan, calculation or other relevant particulars or information endorsed by the competent person and required by the Commission.

**Amendment to sewerage planning**

8. (1) The Commission may issue written notice to the competent person to amend the sewerage planning and resubmit the amended sewerage planning to the Commission for approval.

(2) The competent person shall resubmit the amended sewerage planning to the Commission for approval within six months from the issuance of the written notice under subrule (1).

(3) Any sewerage planning resubmitted later than six months from the issuance of the written notice under subrule (1) shall be deemed as a fresh submission of sewerage planning for approval.

**Approval of sewerage planning**

9. The Commission may approve the sewerage planning or the amended sewerage planning and may impose such terms and conditions as it deems fit.

**Validity period for approval of sewerage planning**

10. (1) The approval for the sewerage planning is valid for a term of two years from the date the approval is issued by the Commission.

(2) Any application to extend the validity period of the approval for sewerage planning shall be submitted to the Commission three months before the expiry of such validity period.

(3) The Commission may extend the validity period of the sewerage planning approval for a duration deemed necessary by the Commission and may impose further conditions.

(4) Any submission to extend the validity period of the approved sewerage planning shall be deemed as fresh submission when the submission is made—

(a) after the validity period for the approval has expired; or

(b) less than three months before the expiry of the validity period.



## PART IV

## DESIGN

**Conditions for preparation of design**

11. The design for sewerage works and septic tank works shall be prepared in compliance with the—

- (a) Standards;
- (b) Guidelines;
- (c) sewerage planning approved by the Commission; and
- (d) such other conditions as the Commission may from time to time deem necessary.

**Application for approval of design**

12. (1) The design for sewerage works or septic tank works shall be submitted and approved by the Commission during the validity period of the approved sewerage planning.

(2) The competent person shall apply to the Commission for the approval of design for sewerage works or septic tank works by submitting—

- (a) a duly completed Form for application for design approval;
- (b) a copy of the project or development planning approval from the relevant local planning authorities;
- (c) plans endorsed by the competent person and the developer;
- (d) design calculations endorsed by the competent person; and
- (e) such other information or documents as the Commission may require.

**Competent person to amend design**

13. (1) The Commission may issue a written notice to the competent person to amend the design and resubmit the amended design to the Commission for approval.

(2) The competent person shall resubmit the amended design to the Commission for approval within six months from the issuance of the written notice under subrule (1).

(3) Any design resubmitted later than six months from the issuance of the written notice under subrule (1) shall be deemed as a fresh submission of design for approval.

**Approval of design**

14. The Commission may approve the design or the amended design and impose such terms and conditions as it deems fit.

**Validity period for approval of design**

15. (1) The approval for design is valid for a duration of two years from the date of issuance of the approval by the Commission.

(2) Any application to extend the validity period of the approval for design shall be submitted to the Commission, three months before the expiry of such validity period.

(3) The Commission may extend the validity period of the design approval and may impose further conditions.

(4) Any submission to extend the validity period of the approved design shall be deemed as fresh submission when the submission is made—

- (a) after the validity period for the approval has expired; or
- (b) anytime less than three months before the expiry of the validity period.

PART V

CONSTRUCTION

Chapter 1

*General requirements*

**Commencement of construction**

16. (1) The construction of the sewerage works or septic tank works shall commence during the validity period of the approved design.

(2) If the sewerage works or the septic tank works do not commence within the validity period of the approved design for such works, the competent person shall submit fresh application for approval of sewerage planning and design in accordance with these Rules before commencing such works.

**Compliance during construction**

17. (1) A person who undertakes the construction of the sewerage works and septic tank works shall comply with—

- (a) the approved sewerage planning and design;
- (b) Guidelines;

- (c) Standards; and
- (d) any other conditions stipulated by the Commission and other relevant authorities.

(2) Any developer, competent person or contractor who fails to comply with the Standards in the construction of the sewerage works or septic tank works commits an offence and shall, on conviction, be liable to a fine not exceeding one hundred thousand ringgit or to imprisonment for a term not exceeding one year or to both.

#### **Inspection by the Commission**

18. (1) The Commission or any person authorised by the Commission may inspect the sewerage works or septic tank works at any time deemed necessary by the Commission.

(2) The competent person shall carry out any rectification notified by the Commission.

(3) The competent person shall notify the Commission in writing upon completion of the rectification.

#### **Samples for testing**

19. (1) The Commission or any person authorised by the Commission shall be permitted to take such samples of the materials used in the construction of sewerage works as may be deemed necessary by the Commission for testing.

(2) Any cost incurred by the Commission for testing of the materials shall be borne by the developer.

(3) The Commission or any person authorised by the Commission shall not be liable for any loss, damage or cost due to taking such samples pursuant to subrule (1).

### Chapter 2

#### *Construction of sewerage works*

#### **Notice for commencement of construction of sewerage works**

20. (1) The competent person shall notify the Commission of—
- (a) the commencement of the construction of sewerage works; and
  - (b) the date of any connection to a public sewer or public sewage treatment works if the construction works include any connection to a public sewer or public sewage treatment works,

in the Form for notice of commencement of works that shall be submitted to the Commission at least fourteen days prior to the proposed commencement date of the construction.

(2) The following documents shall be submitted to the Commission together with the Form for notice of commencement of works for all sewerage works except for sewerage works involving only construction of connection to existing public sewer or for sewer network construction:

- (a) one copy of the detailed structural plans of the sewerage works including the requirements for the foundation and stability together with a legible copy of the design calculation in the Form for details for structural plans and design calculation; and
- (b) one copy of the detailed electrical design, mechanical design and drawings of the sewerage works installation in the Form for details for electrical design, mechanical design and drawings.

(3) The competent person or any person who commences the construction sewerage works before notifying the Commission of such construction under subrule (1), commits an offence and shall, on conviction, be liable to a fine not exceeding one hundred thousand ringgit.

#### **Notice to lay open works**

21. The Commission may issue a notice in the Form to lay open works, to any person who fails to notify the Commission under subrule 20(1) before commencing the construction of sewerage works to dig, cut into, lay open, carry out any necessary works, or to tear down the works as may be deemed necessary by the Commission at the person's own cost and within a duration specified by the Commission to enable the Commission or any person authorised by the Commission to inspect such sewerage works.

#### Chapter 3

##### *Construction of septic tank works*

#### **Notice for commencement of construction of septic tank works**

22. (1) The competent person shall notify the Commission of the commencement of the construction of septic tank works in Form for notice of commencement of works, at least fourteen days prior to the proposed commencement date of construction.

(2) The competent person or any person who commences the construction septic tank works before notifying the Commission of such construction under subrule (1) commits an offence and shall, on conviction, be liable to a fine not exceeding fifty thousand ringgit.

**Notice of completion of septic tank works**

23. The competent person shall declare in the Form for declaration of supervision of septic tank works, that he has supervised the septic tank works and lodge the said Form with the Commission upon the completion of the septic tank works.

**PART VI****INSPECTION AND LETTER OF CONFIRMATION****Chapter 1***Inspection of sewerage works***Intermediate inspection**

24. (1) The competent person shall notify the Commission when the sewerage works will be ready for intermediate inspection in the Form for intermediate inspection.

(2) The competent person shall supervise the intermediate inspection of the sewerage works and ensure that the sewerage works complies with—

- (a) the approved sewerage planning and design;
- (b) Guidelines;
- (c) Standards; and
- (d) any conditions stipulated by the Commission.

(3) The Commission or any person authorised by the Commission may witness the intermediate inspection of the sewerage works and may issue written notice to the competent person within fourteen days from the date of receipt of the Form for intermediate inspection notifying the competent person to rectify any non-compliance of the approved sewerage planning and design or any provision of these Rules within a duration stipulated by the Commission.

(4) The competent person shall upon the rectification of such non-compliance notify the Commission in writing of such rectification.

(5) A record of the intermediate inspection and any other testing required for the sewerage works shall be prepared and signed by the competent person and such record shall be submitted to the Commission upon the completion of the intermediate inspection.

**Notice of final inspection**

25. (1) Upon the completion of the sewerage works, the competent person shall notify the Commission of the date for final inspection of the sewerage works by submitting to the Commission the following documents:

- (a) the Form for final inspection;
- (b) documents specified in the Guidelines; and
- (c) any information or documents required by the Commission.

(2) The Commission or any person authorised by the Commission shall witness the final inspection and may when it deems necessary, issue written notice to the competent person to rectify any non-compliance of the approved sewerage planning and design or any provisions of these Rules within fourteen days from the date of receipt of the Form for final inspection.

(3) The competent person shall upon the rectification of such non-compliance, notify the Commission in writing of such rectification by resubmitting the Form for final inspection to the Commission to—

- (a) certify that the defects notified by the Commission has been rectified; and
- (b) notify the date that the sewerage works will be ready for final inspection.

(4) A record of the final inspection shall be prepared and signed by the competent person and such record shall be submitted to the Commission upon the completion of the final inspection.

**Surrender of land and way leave**

26. (1) The developer of a new development who has constructed a sewerage system or part of the system that is to be handed over to a service licensee under section 47 of the Act shall together with the Form for the approval of design of the sewerage works submitted by the competent person, submit documentary proofs as an evidence that all the necessary steps or actions required under the National Land Code [Act 56/1965] or any other written laws have been taken or complied with by the developer including for any approval to be obtained and fees or duties payable under such laws, for the surrender of the land where the sewerage system or part of the system are located to the State Authority.

(2) Upon the sewerage system or part of the system being handed over under section 47 of the Act and prior to the completion of surrender of the land where the sewerage system or part of the system is located to the State Authority, the developer shall permit or cause the owner to permit the licensee to enter the land and carry out any repairs, upgrading or refurbishment of such system.

(3) Where any part of the sewerage system is constructed by the developer on private land, any way leave secured by the developer in relation to such land shall be assigned in perpetuity to the service licensee.

Chapter 2

*Letter of Confirmation*

**Letter of confirmation for sewerage works and septic tank works**

27. (1) Subject to subrule (2), the Commission may issue a letter of confirmation, to confirm that the certificate of compliance may be issued for the sewerage works or the septic tank works after—

- (a) receipt of the Form of declaration of supervision of septic tank works by the competent person for septic tank works; or
- (b) final inspection of sewerage works is witnessed by the Commission.

(2) The Commission may issue a letter of confirmation if the Commission is satisfied that—

- (a) the sewerage works or the septic tank works has been constructed in accordance with these Rules; and
- (b) the developer and the competent person have complied with the conditions imposed by the Commission.

PART VII

HANDING OVER OF SEWERAGE SYSTEM

**Handing over of sewerage system**

28. (1) Upon the issuance of the certificate of compliance of a the sewerage system or part of the system by a qualified person under section 47 of the Act, the developer of a new development shall apply to the Commission in the Form for hand over the sewerage system to hand over the sewerage system or part of the system to the service licensee.

(2) The service licensee shall accept the handing over of the sewerage system or part thereof at no cost for use as public sewerage system when the service licensee is satisfied that—

- (a) the sewerage system or part thereof has been completed and every part thereto is in proper working order; and
- (b) the approved sewerage planning and approved design, all conditions imposed by the Commission, Guidelines and Standards are complied with.

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**Operation and maintenance of sewerage system before handing over**

29. Until the sewerage system is handed over to a service licensee under section 47 of the Act, the developer of a new development shall—

- (a) be responsible to cause the sewerage system and all parts thereof to be operated and maintained;
- (b) make good any damage or defect to the sewerage system and all parts thereof; and
- (c) take all safety and security measures for the sewerage system and all parts thereof.

**Defects liability period**

30. (1) Upon handing over of the sewerage system or part of the system under section 47 of the Act, a defects liability period for the sewerage system shall be imposed on the developer for a duration of twelve months from the date of handing over to the service licensee.

(2) The developer shall provide a guarantee during the defects liability period of the sewerage system and the guarantee shall be lodged with the service licensee when the competent person submits the Form for final inspection to the Commission.

(3) The amount of the guarantee shall be five percent of the cost of the sewerage system to be handed over by the developer under section 47 of the Act.

(4) The guarantee shall be given in the form of bank guarantee which shall be valid for a period of fifteen months from the date of handing over of the sewerage system to the service licensee.

(5) The guarantee shall be a security and not a payment in advance and shall not relieve the developer from any liability under subrule (6).

(6) If repairs are required within the defects liability period for any defects, imperfections or any other faults whatsoever which may appear or which are due to materials or goods or workmanship not in accordance with the approved sewerage planning and design, Guidelines and Standards, the service licensee shall immediately notify the developer and the developer shall carry out the repairs.

(7) Throughout the defects liability period if the developer fails to undertake the repairs required within twenty one days from the notice by the service licensee, the service licensee may undertake such repairs.

(8) Any cost of repairs resulting from any defects, imperfections or any other faults under subrule (6) shall be recoverable by the service licensee by utilizing the bank guarantee lodged with the service licensee under subrule (2).



(9) If such repair cost exceeds the amount of bank guarantee provided, the excess shall be recoverable by the service licensee from the developer within thirty days from such utilization of the guarantee.

(10) Where a bank guarantee has been utilised by the service licensee under subrule (8), the developer shall, within thirty days from the date of such utilisation reimburse the amount of the bank guarantee to ensure that the amount of the bank guarantee shall be as specified under subrule (3).

(11) Upon expiry of the bank guarantee referred to in subrule (4), the bank guarantee shall be cancelled after deducting any amount which may be due to the service licensee as a result of any defect in the sewerage system.

#### PART VIII

##### COMPETENT PERSON

##### **Responsibility of competent person**

31. The competent person submitting the design for approval from the Commission shall supervise and undertake full responsibility of the—

- (a) construction, installation and inspection of the sewerage works or the septic tank works until the completion of such works; and
- (b) performance of sewerage works or the septic tank works.

##### **Obligation of competent person**

32. (1) A competent person preparing the sewerage planning or design for sewerage works or septic tank works shall ensure—

- (a) that the sewerage planning and the design are in compliance with the provisions of the Act and these Rules;
- (b) that the plans, calculations, report, data, records or other relevant documents used for purposes of obtaining approval for the sewerage planning or design from the Commission are not false in a material particular; and
- (c) any certification in the Form by the competent person is true and accurate.

(2) Any competent person undertaking the supervision of construction and installation of the sewerage works or septic tank works shall ensure that the works are in compliance with—

- (a) the provisions of the Act and these Rules;
- (b) the sewerage planning and design approved by the Commission including any conditions imposed by the Commission; and
- (c) Guidelines and Standards.

(3) Any person who fails to comply with subrule (1) or (2) commits an offence and shall, on conviction, be liable to a fine not exceeding two hundred thousand ringgit or to imprisonment for a term not exceeding two years or to both.

(4) No competent person upon conviction of any offence under these Rules shall prepare, submit any sewerage planning, design or supervise any construction of sewerage works or septic tank works.

(5) A person who contravenes subrule (4) commits an offence and shall, on conviction, be liable to a fine not exceeding two hundred thousand ringgit or to imprisonment for a term not exceeding two years or to both.

#### **Change of competent person**

33. (1) If a competent person ceases to carry out his duties in regards to the sewerage works or the septic tank works in a development, the developer shall notify the Commission within fourteen days from the date of such cessation of duties.

(2) The developer shall as soon as practicable appoint another competent person and notify the Commission in writing of such appointment.

(3) The sewerage works or the septic tank works shall not continue until the new competent person is appointed by the developer and until such appointment, the developer shall be responsible to take all safety measures for such works.

(4) The new competent person appointed pursuant to subrule (2) shall undertake full responsibility for the design, supervision of the construction, installation, inspection and performance of the sewerage works or the septic tank works and shall be fully liable for the acts or omission of all competent person who had been responsible for design, supervision of the construction, installation, inspection and performance of the works prior to his appointment.

#### **Liability of competent person**

34. Notwithstanding any approval, inspection or certification by the Commission pursuant to these Rules, the competent person shall be wholly responsible for the design, quality of construction and installation of the sewerage works and the septic tank works and shall remain liable for any defects or failure in the design, construction and installation of the sewerage works and septic tank works including defects or failure in treatment process and structural stability.

## PART IX

## FEES

**Payment of fees for sewerage planning approval**

35. (1) Any person when submitting the Form for application for sewerage planning approval for sewerage works or septic tank works shall pay the following fee:

- (a) the fee for septic tank as specified in column (2) of Part I of Schedule 2 in accordance to the size of development specified in column (1) of Part I of Schedule 2;
- (b) the fee for single connection as specified in column (2) of Part II of Schedule 2 in accordance to the size of development specified in column (1) of Part II of Schedule 2;
- (c) the fee for sewer network as specified in column (2) of Part III of Schedule 2 in accordance to the size of development specified in column (1) of Part III of Schedule 2;
- (d) the fee for pumping station as specified in column (2) of Part IV of Schedule 2 in accordance to the size of development specified in column (1) of Part IV of Schedule 2; and
- (e) the fee for sewage treatment plant as specified in column (2) of Part V of Schedule 2 in accordance to the size of development specified in column (1) of Part V of Schedule 2.

(2) The fee paid for the submission of sewerage planning for the approval of the Commission includes initial submission and first resubmission of the sewerage planning for sewerage works and septic tank works.

(3) The same amount of fee as the fee for initial submission will be imposed for every second resubmission of the sewerage planning to the Commission for the approval of the Commission.

(4) Any submission to the Commission for approval of amendments to sewerage planning after such sewerage planning has been approved by the Commission shall be deemed as a fresh submission and the same amount of fee as the fee for initial submission shall be imposed.

**Payment of fees for design approval**

36. (1) Any person when submitting the Form for application for design approval for sewerage works or septic tank works shall pay the following fee:

- (a) the fee for septic tank as specified in column (3) of Part 1 of Schedule 2 in accordance to the size of development specified in column (1) of Part 1 of Schedule 2;

- (b) the fee for single connection as specified in column (3) of Part II of Schedule 2 in accordance to the size of development specified in column (1) of Part II of Schedule 2;
- (c) the fee for sewer network as specified in column (3) of Part III of Schedule 2 in accordance to the size of development specified in column (1) of Part III of Schedule 2;
- (d) the fee for pumping station as specified in column (3) of Part IV of Schedule 2 in accordance to the size of development specified in column (1) of Part IV of Schedule 2; and
- (e) the fee for sewage treatment plant as specified in column (3) of Part V of Schedule 2 in accordance to the size of development specified in column (1) of Part V of Schedule 2.

(2) The fee paid for the submission of design for the approval of the Commission includes initial submission and first resubmission of the design for sewerage works or septic tank works.

(3) The same amount of fee as the fee for initial submission will be imposed for every second resubmission of the design to the Commission for the approval of the Commission.

(4) Any submission to the Commission for approval of amendments to design after such design has been approved by the Commission shall be deemed as a fresh submission and the same fee as the fee for the initial submission shall be imposed.

#### **Payment of fees for commencement of sewerage works**

37. Any person when submitting every Form for notification of commencement of sewerage works shall pay the following fee:

- (a) the fee for single connection as specified in column (4) of Part II of Schedule 2 in accordance to the size of development specified in column (1) of Part II of Schedule 2;
- (b) the fee for sewer network as specified in column (4) of Part III of Schedule 2 in accordance to the size of development specified in column (1) of Part III of Schedule 2;
- (c) the fee for pumping station as specified in column (4) of Part IV of Schedule 2 in accordance to the size of development specified in column (1) of Part IV of Schedule 2; and
- (d) the fee for sewage treatment plant as specified in column (4) of Part V of Schedule 2 in accordance to the size of development specified in column (1) of Part V of Schedule 2.

**Payment of fees for intermediate inspection**

38. Any person when submitting every Form for notification of intermediate inspection of sewerage works shall pay the following fee:

- (a) the fee for single connection as specified in column (5) of Part II of Schedule 2 in accordance to the size of development specified in column (1) of Part II of Schedule 2;
- (b) the fee for sewer network as specified in column (5) of Part III of Schedule 2 in accordance to the size of development specified in column (1) of Part III of Schedule 2;
- (c) the fee for pumping station as specified in column (5) of Part IV of Schedule 2 in accordance to the size of development specified in column (1) of Part IV of Schedule 2; and
- (d) the fee for sewage treatment plant as specified in column (5) of Part V of Schedule 2 in accordance to the size of development specified in column (1) of Part V of Schedule 2.

**Payment of fees for final inspection**

39. (1) Any person when submitting the Form for notification of final inspection of sewerage works shall pay the following fee:

- (a) the fee for single connection as specified in column (6) of Part II of Schedule 2 in accordance to the size of development specified in column (1) of Part II of Schedule 2;
- (b) the fee for sewer network as specified in column (6) of Part III of Schedule 2 in accordance to the size of development specified in column (1) of Part III of Schedule 2;
- (c) the fee for pumping station as specified in column (6) of Part IV of Schedule 2 in accordance to the size of development specified in column (1) of Part IV of Schedule 2; and
- (d) the fee for sewage treatment plant as specified in column (6) of Part V of Schedule 2 in accordance to the size of development specified in column (1) of Part V of Schedule 2.

(2) The fees paid for final inspection of the sewerage works are inclusive of initial final inspection and one follow up inspection carried out within three months from the initial final inspection.

(3) Any follow up final inspection carried out later than three months from the initial final inspection shall be deemed as a fresh initial final inspection and the same amount of fee as the initial final inspection shall be imposed.

SCHEDULE 1  
COMPETENT PERSONS  
(Rule 2)

<i>Type of Application</i>	<i>Competent Person</i>
Sewerage planning for sewerage works	Architect, town planner or engineer
Sewerage planning for septic tank works	a. Architect or engineer b. Registered building draughtsman (for single dwelling house only)
Design for septic tank works	a. Architect or engineer b. Registered building draughtsman (for single dwelling house only)
Design for sewer network	Engineer (civil, environmental, chemical or mechanical discipline)
Design for pumping station	Engineer (civil, environmental, chemical or mechanical discipline)
Design for sewage treatment plant	Engineer (civil, environmental, chemical or mechanical discipline)
Structural design	Engineer (civil or structural discipline)
Design for electrical installation	Engineer (electrical discipline)
Design for mechanical installation	Engineer (mechanical discipline)

SCHEDULE 2

PART I

FEES FOR SEPTIC TANK  
(Rules 35 and 36)

(1) <i>Size of Development</i>	(2) <i>Sewerage Planning Approval (RM)</i>	(3) <i>Design Approval (RM)</i>
Single dwelling house up to 5 PE	150.00	~
Development from 6 PE to 150 PE	200.00	150.00
Development exceeding 150 PE	400.00	200.00

## PART II

## FEES FOR SINGLE CONNECTION

(Rules 35, 36, 37, 38 and 39)

(1) <i>Size of Development</i>	(2) <i>Sewerage Planning Approval (RM)</i>	(3) <i>Design Approval (RM)</i>	(4) <i>Commence Works (RM)</i>	(5) <i>Intermediate Inspection (RM)</i>	(6) <i>Final Inspection (RM)</i>
Single dwelling house up to 10 PE	200.00	~	~	~	~
Development from 11 PE to 150 PE	150.00	150.00	120.00	300.00	300.00
Development from 151 PE to 500 PE	400.00	250.00	120.00	300.00	300.00
Development from 501 PE to 2,000 PE	550.00	400.00	120.00	600.00	600.00
Development exceeding 2,000 PE	550.00	500.00	120.00	700.00	700.00

## PART III

## FEES FOR SEWER NETWORK

(Rules 35, 36, 37, 38 and 39)

(1) <i>Size of Development</i>	(2) <i>Sewerage Planning Approval (RM)</i>	(3) <i>Design Approval (RM)</i>	(4) <i>Commence Works (RM)</i>	(5) <i>Intermediate Inspection (RM)</i>	(6) <i>Final Inspection (RM)</i>
Development up to 150 PE	350.00	200.00	120.00	300.00	300.00
Development from 151 to 1,000 PE	450.00	300.00	120.00	700.00	700.00
Development from 1,001 to 5,000 PE	500.00	450.00	120.00	700.00	700.00
Development from 5,001 to 10,000 PE	550.00	500.00	120.00	750.00	750.00
Development from 10,001 to 20,000 PE	700.00	550.00	120.00	800.00	800.00
Development exceeding 20,000 PE	750.00	650.00	120.00	850.00	850.00

## PART IV

FEES FOR PUMPING STATION  
(Rules 35, 36, 37, 38 and 39)

(1) <i>Size of Development</i>	(2) <i>Sewerage Planning Approval (RM)</i>	(3) <i>Design Approval (RM)</i>	(4) <i>Commence Works (RM)</i>	(5) <i>Intermediate Inspection (RM)</i>	(6) <i>Final Inspection (RM)</i>
Development up to 150 PE	350.00	200.00	120.00	300.00	300.00
Development from 151 to 1,000 PE	500.00	250.00	120.00	500.00	500.00
Development from 1,001 to 5,000 PE	550.00	300.00	120.00	600.00	600.00
Development from 5,001 to 10,000 PE	650.00	350.00	120.00	700.00	700.00
Development from 10,001 to 20,000 PE	700.00	450.00	120.00	700.00	700.00
Development exceeding 20,000 PE	700.00	500.00	120.00	700.00	700.00

## PART V

FEES FOR SEWERAGE TREATMENT PLANT  
(Rules 35, 36, 37, 38 and 39)

(1) <i>Size of Development</i>	(2) <i>Sewerage Planning Approval (RM)</i>	(3) <i>Design Approval (RM)</i>	(4) <i>Commence Works (RM)</i>	(5) <i>Intermediate Inspection (RM)</i>	(6) <i>Final Inspection (RM)</i>
Development up to 150 PE	350.00	200.00	120.00	300.00	300.00
Development from 151 to 1,000 PE	550.00	450.00	120.00	700.00	700.00
Development from 1,001 to 5,000 PE	650.00	550.00	120.00	700.00	700.00
Development from 5,001 to 10,000 PE	700.00	600.00	120.00	700.00	700.00



(1) <i>Size of Development</i>	(2) <i>Sewerage Planning Approval (RM)</i>	(3) <i>Design Approval (RM)</i>	(4) <i>Commence Works (RM)</i>	(5) <i>Intermediate Inspection (RM)</i>	(6) <i>Final Inspection (RM)</i>
Development from 10,001 to 20,000 PE	750.00	850.00	120.00	1,600.00	1,600.00
Development exceeding 20,000 PE	750.00	850.00	120.00	1,600.00	1,600.00

Made 21 June 2013

[KeTTHA:BP(S) 9/9 Kit. 23; PN(PU2)660/VIII]

DATO' ISMAIL BIN KASIM  
*Chairman of Suruhanjaya Perkhidmatan Air Negara*

Hakcipta Pencetak (H)

PERCETAKAN NASIONAL MALAYSIA BERHAD

Semua Hak Terpelihara. Tiada mana-mana bahagian jua daripada penerbitan ini boleh diterbitkan semula atau disimpan di dalam bentuk yang boleh diperolehi semula atau disiarkan dalam sebarang bentuk dengan apa jua cara elektronik, mekanikal, fotokopi, rakaman dan/atau sebaliknya tanpa mendapat izin daripada Percetakan Nasional Malaysia Berhad (Pencetak kepada Kerajaan Malaysia yang dilantik).



DICETAK OLEH  
PERCETAKAN NASIONAL MALAYSIA BERHAD,  
KUALA LUMPUR  
BAGI PIHAK DAN DENGAN PERINTAH KERAJAAN MALAYSIA