

**SEWERAGE SERVICES ACT 1993
SEWERAGE SYSTEMS AND SEPTIC TANKS**

APPLICATION FOR SEWERAGE PLANNING APPROVAL

Date: _____ 20 _____

To: The Director General of Sewerage Services

I/We (the undersigned) _____

hereby apply for Sewerage Planning Approval to undertake the following sewerage works:

and submit the following particulars (see reverse of form)

Details of Land

Address of site or premises:

Lot No. of land occupied by sewerage works: _____

Area of land occupied by sewerage works:

- a) Sewage Treatment Plant _____ hectares
- b) Network Pumping Station _____ hectares

Details Of Population Equivalent (PE)

Type	Total Development PE	Remarks
RESIDENTIAL		
COMMERCIAL		
INSTITUTIONAL		
INDUSTRIAL		
OTHERS		
TOTAL, PE		

Address and Lot Nos of any other land affected by the sewerage works:

Signature of Owner

Name of Owner (in block letters):

I.C. No:

Address:

Telephone No.:

Fax No.:

Declaration by Qualified Person

I hereby certify that the details in the plans and engineering report are in accordance to the 'Guidelines for Developers', the MS 1228 "Code of Practice for Design and Installation of Sewerage Systems, and other regulatory agencies requirements.

Signature of Qualified Person

Name of Qualified Person (in block letters):

I.C. No.:

Address:

Telephone No.:

Fax No.:

Qualification and Registration particulars:

FOR OFFICAL USE ONLY

Date received: _____

Checked By: _____

Date replied: _____

Ref No.: _____

DECLARATION FOR SEWERAGE WORKS PLANNING APPROVAL

SSD Regional Office : _____

Date : _____

File No. : _____
Project Title : _____

License Land Surveyor : _____
Address : _____

Telephone / Fax : _____
Lot No / PT : _____
Mukim/Village/Town : _____
District : _____
State : _____
Land Title No : _____
Area of STPs/NPS : _____ sq meter.
Land Status of STP : State Land / Alienated Land / Reserved Land
Developer : _____
Consultant : _____
Proposed Treatment System : _____
Developer Equivalent (PE) : _____
Catchment : _____

Declaration by Qualified Person

I hereby certify that all written information provided by me in this checklist is full, complete, true and correct and are in accordance to the 'Malaysia Sewerage Industry Guidelines' and with the MS1228 'Codes of Practice for Design and Installation of Sewerage Systems.

Date :

.....

(Signature)

Name :

Checklist for Sewerage Works Planning Approval

File No:	Sewer Reticulation OK NC		Submitted Proposal	Date: Reviewer's Comments
1.0 Submission documents				
1.1 Form SSA/PDC/1 for planning application	<input type="checkbox"/>	<input type="checkbox"/>		
1.2 Catchment strategy report <i>(for permanent STP/schemed development)</i>	<input type="checkbox"/>	<input type="checkbox"/>		
1.3 Engineering report <i>(for development >150PE)</i>	<input type="checkbox"/>	<input type="checkbox"/>		
1.4 Land details Land title (type), lot no. district/mukim Land area of project (under Form PDC/1)	<input type="checkbox"/>	<input type="checkbox"/>		
2.0 Submission plans				
2.1 Layout plan of whole development For development <150PE:	<input type="checkbox"/>	<input type="checkbox"/>		
2.1.1 A plan showing how each house is to be connected with any existing or proposed sewer.	<input type="checkbox"/>	<input type="checkbox"/>		
2.1.2 The position and course of all surface water channels or drains.	<input type="checkbox"/>	<input type="checkbox"/>		
2.1.3 The names of streets adjoining the premises and the scale of the plan.	<input type="checkbox"/>	<input type="checkbox"/>		
2.2 Key Plan and Location Plan Location plan shall be clear, showing identifiable adjacent areas, main roads and other landmarks. Project area to be colored in red.	<input type="checkbox"/>	<input type="checkbox"/>		
2.3 Average Flow Average flow shall be based on 225 lit/d.PE	<input type="checkbox"/>	<input type="checkbox"/>		
2.4 Peak Flow Peak flow shall be based on a peak factor (pf= 4.7 (PE/100) ^{-0.11}) which has included contribution from infiltrations.	<input type="checkbox"/>	<input type="checkbox"/>		
2.5 Flow velocity (dry & wet weather) Minimum velocity at full bore 0.8 m/s.	<input type="checkbox"/>	<input type="checkbox"/>		
2.3 Effluent discharge point Location of the effluent receiving stream.	<input type="checkbox"/>	<input type="checkbox"/>		
3.0 Special submission requirements				
3.1 Development >50 hectares A Development Environmental Impact assessment (EIA) has to be approved by DOE	<input type="checkbox"/>	<input type="checkbox"/>		

File No:	Sewer Reticulation OK NC		Submitted Proposal	Date: Reviewer's Comments
<p>4.0 Plans Format</p> <p>4.1 Paper size All paper to be submitted to the DGSS should be prepared on normal sizes of paper A1 or A2 , and should have a title block approved by the approving authority. All plans shall be folded to A4 size. All documents to be in A4.</p>	<input type="checkbox"/>	<input type="checkbox"/>		
<p>4.2 Format details Format details shall include the following:</p> <p>4.2.1 Plans shall show the north point, date and bear the signature of the Developer/Owner, and Consulting Engineer/Architect/Planner.</p> <p>4.2.2 Notes & abbreviations used shall be shown in footnotes.</p> <p>4.2.3 The title block shall be positioned at the bottom right-hand corner bearing the title of the development, drawing title, name and address of the Developer/Owner and the Qualified Person</p> <p>4.2.4 A space shall be reserved in the top right hand corner for SSD approval chop.</p> <p>5.0 Layout plan</p> <p>5.1 Lot boundary and numbers The boundary shall be demarcated on the</p>	<input type="checkbox"/>	<input type="checkbox"/>		
<p>5.2 Ground levels of housing lots & roads All data specified shall be according to the Survey Ordinance.</p>	<input type="checkbox"/>	<input type="checkbox"/>		
<p>5.3 Reticulation & utilities details Details shall include the following:</p> <p>5.3.1 Drainage systems, water supply lines, streets or orther structures and as can be established.</p> <p>5.3.2 The location & deoth of utilities that will affect or be affected by the proposed sewerage systems. Also their invert levels and sizes must be stated.</p> <p>5.3.3 The sewer reticulation must also be shown on the same plan to show sewer locations relative to these structures.</p>	<input type="checkbox"/>	<input type="checkbox"/>		
<p>6.0 Engineering Report</p> <p>6.1 Land information Information shall include the following:</p> <p>6.1.1 Land lot number & site location.</p>	<input type="checkbox"/>	<input type="checkbox"/>		

File No:	Sewer Reticulation		Submitted Proposal	Date: Reviewer's Comments
	OK	NC		
6.1.2 Land area (hectare) & topography of project area.	<input type="checkbox"/>	<input type="checkbox"/>		
6.1.3 Topography of surrounding neighbouring lots. Specify any existing STPs or network. Include details of all sewerage in use or proposed in the adjacent areas.	<input type="checkbox"/>	<input type="checkbox"/>		
6.1.4 Water bodies (drains/rivers) that pass through project area, including the name and class of the receiving water.	<input type="checkbox"/>	<input type="checkbox"/>		
6.1.5 Existing land use of project and adjacent areas, description of future land use of adjacent area, if such information is available.	<input type="checkbox"/>	<input type="checkbox"/>		
6.1.6 Information on ground water levels and use of ground water adjacent to project area.	<input type="checkbox"/>	<input type="checkbox"/>		
6.2 Project description A description of the project proposal shall include:				
6.2.1 Type of development, various types of houses/buildings and their numbers.	<input type="checkbox"/>	<input type="checkbox"/>		
6.2.2 An outline on the derivation of the wastewater generation from the proposed project based on criteria in MS1228 and Guidelines for Developer Vol. 3 & 4.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3 Sewerage proposal The sewerage proposal shall include:				
6.3.1 A brief description of the proposal. For permanent STPs, identify and evaluate all sewerage options, including NPV and non-cost factors and provide a brief description of the preferred or selected option.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3.2 An outline description of the proposed sewerage network. Show PE breakdown and calculation.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3.3 An outline of the reasons for the selection of the proposed sites for construction of any pumping stations.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3.4 The proposal for connection to the public sewer shall include a study on the capacity of the existing sewer and the STP.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3.5 The report must bear the signature of the Engineer preparing the design as well as the report.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3.6 The report must bear a suitable title, date, names of owner & consultants and have a proper cover & binding.	<input type="checkbox"/>	<input type="checkbox"/>		
6.3.7 The siting criteria, land area & buffer zone requirement for the proposed STP shall be based on per Guidelines for Developers Vol.IV	<input type="checkbox"/>	<input type="checkbox"/>		