

**KEY HIGHLIGHTS OF ENVIRONMENTAL QUALITY (SEWAGE)  
REGULATIONS 2009**

<b>Regulation No.</b>	<b>Short Title of Regulatory Provision</b>	<b>Notes</b>
3	Application	<ul style="list-style-type: none"> <li>• Applicable to any premises which discharge sewage onto or into any soil, or into any inland waters or Malaysian waters, other than any housing or commercial development or both having a population equivalent of less than 150.</li> <li>• Sludge is any deposit of particulate matter settled from a liquid, including deposit resulting from physical, chemical, biological or other treatment of sewage.</li> <li>• Sewage also includes liquids containing chemicals in solution either in the raw, treated or partially treated form.</li> </ul>
4	Notification	<ul style="list-style-type: none"> <li>• The notification requirement replaces the written permission (KB) procedure in SIERs, 1979. A premise is required to notify DOE for new source of sewage discharge or release.</li> <li>• Notification to be via First Schedule.</li> </ul>
5	Proper operation of sewage treatment system	<ul style="list-style-type: none"> <li>• Owner/occupier to operate and maintain sewage treatment system according to sound engineering practice.</li> <li>• Sound engineering practice means the manner by which sewage treatment system is operated where the operational characteristics are maintained within the normal range of values commonly used for the treatment of sewage.</li> </ul>
6	Competent person	<ul style="list-style-type: none"> <li>• The operation of a sewage treatment system needs to be supervised by a competent person, who is certified by the DG to be qualified to supervise the operation.</li> <li>• A competent person needs to be on duty anytime the system is in operation</li> </ul>
7	Acceptable conditions of sewage discharge	<ul style="list-style-type: none"> <li>• Sewage discharged should not contains substances in concentration greater than the limits of Standard A (applicable to discharges into any inland waters within catchment areas listed in Third Schedule) and Standard B (applicable to any other inland waters or Malaysian waters) as shown in paragraph (i) of Second Schedule.</li> <li>• A premise must submit a programme to the DG and implement such programme to ensure all existing sewage treatment systems comply with               <ul style="list-style-type: none"> <li>- Standard A, on or before December 31, 2016; and</li> <li>- Standard B, on or before December 31, 2019</li> </ul> </li> </ul>

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		<ul style="list-style-type: none"> <li>• New sewage treatment system refers to sewage treatment built after the effective date of these Regulations</li> <li>• Existing sewage treatment system refers to sewage treatment system approved between the period after January 1999, until immediately before the effective date of these Regulations.</li> </ul>
8	License to contravene acceptable conditions for sewage discharge	<ul style="list-style-type: none"> <li>• License to contravene the acceptable conditions of sewage discharge can be made in accordance to procedures specified in the Environmental Quality (Licensing) Regulation 1977 [P.U.(A) 198/77] together with submission of <ul style="list-style-type: none"> <li>- a report on sewage characterization study; and</li> <li>- a license fee</li> </ul> </li> </ul>
9	Method of sewage analysis	<ul style="list-style-type: none"> <li>• An authorized officer can conduct: <ul style="list-style-type: none"> <li>- In-situ test</li> <li>- Ex-situ test</li> </ul> </li> <li>• The sample type is grab sample</li> <li>• Method of analysis: Standard methods and USA-EPA approved methods (Fourth Schedule)</li> </ul>
10	Monitoring of sewage discharge	<ul style="list-style-type: none"> <li>• At own cost <ul style="list-style-type: none"> <li>- monitor concentration of the parameters, see first column, Second Schedule</li> <li>- install flow-meters, sampling equipment and recording equipment</li> </ul> </li> <li>• Maintain record of monitoring data in format as specified in Second Schedule</li> <li>• Submit the first record of sewage discharge monitoring data to DG within 30 days after the effective date of these Regulations, subsequent reports within 30 days after end of calendar month for the report of previous month.</li> <li>• Record to be made available for inspection by authorized officer.</li> </ul>
11	Discharge point	<ul style="list-style-type: none"> <li>• Specifications of discharge point are given in Sixth Schedule.</li> <li>• A premise needs to file in the layout plan/engineering drawings of the discharge point within 30 days before premise commences operation.</li> <li>• A premise needs to notify any proposed alteration or change to the location/position of discharge point within 30 days before any alteration or change.</li> </ul>

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12	By-pass	<ul style="list-style-type: none"> <li>• Bypass is not allowed and is an offence</li> </ul>
13	Spill & accidental discharge	<ul style="list-style-type: none"> <li>• Largely similar to SIERS, 1979. New elements include: A premise must inform immediately and not more than 6 hours after occurrence, DG can specify how the spill is to be handles; may recover cost of clean up and damage cost</li> </ul>
14	Prohibition of discharge of sludge	<ul style="list-style-type: none"> <li>• Discharge of sludge into inland waters or Malaysian waters is not allowed</li> </ul>
15	Restriction of disposal	<ul style="list-style-type: none"> <li>• Same as in SIERS, 1979</li> </ul>
16	Application of disposal of sludge onto land	<ul style="list-style-type: none"> <li>• Application for DG written permission under Regulation 17 with prescribed fee of RM500.</li> </ul>
17	Reporting changes for application of license	<ul style="list-style-type: none"> <li>• Same as in SIERS, 1979</li> </ul>
18	Display of license	<ul style="list-style-type: none"> <li>• Same as in SIERS, 1979</li> </ul>
19	Licensed premise-continuance of existing conditions	<ul style="list-style-type: none"> <li>• Same as in SIERS, 1979</li> </ul>
20	Maintenance of record	<ul style="list-style-type: none"> <li>• A premise is required to maintain records of operation, maintenance and performance monitoring of the sewage treatment system.</li> </ul>
21	Personnel training	<ul style="list-style-type: none"> <li>• A premise is required to send the relevant staff for training and retraining in sewage treatment system operation and on other DOE's requirements. Record of staff training needs to be kept, especially if training is provided by training provider (in future).</li> </ul>
22	Provision for inspection	<ul style="list-style-type: none"> <li>• A premise is required to install inspection chambers, flow meters, sampling equipment, monitoring equipment and measuring and recording equipment.</li> </ul>
23	Assistance during inspection	<ul style="list-style-type: none"> <li>• Same as in SIERS, 1979. a premise is required to render assistance to DOE inspectors</li> </ul>
24	License Fee	<ul style="list-style-type: none"> <li>• License fee is RM500 plus sewage-related fee computed as per method in Seventh Schedule. Fee is to be submitted together with the license application. Sewage related license fee is not due until called for.</li> </ul>
25	Waiver of Fee	<ul style="list-style-type: none"> <li>• Fee may be waived if research on sewage treatment or disposal being conducted is likely to benefit the cause of environmental protection. The extent of waiver is guided by the pollution loading of sewage discharge.</li> </ul>

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26	Penalty	<ul style="list-style-type: none"> <li>• Conviction through court action carries a maximum penalty of RM100,000 plus five years jail</li> </ul>
27	Revocation of SIERs, 1979	<ul style="list-style-type: none"> <li>• Licenses issued under SIERs, 1979 will still remain in force until they expire or revoked</li> <li>• Written permission will remain in force until revoked</li> </ul>

Note: SIERs : Sewage and Industrial Effluents Regulations