

4. COST FOR INTERIM MEASURES

Costs for interim measures proposed in subsections of Sections 2.1 and 2.2 consist of two parts: erection, expansion and repairing cost of facilities as one part, and operation and maintenance cost of them as another part. Since the cost estimation for each of the facilities is made broadly for information only, thus the each cost should be reviewed and revised before practical use.

(1) Erection, Expansion, and Repairing Works

- (i) improvement or expansion of an existing communal septic tank costs from M\$700 to 1,500 per unit (refer to subsection 2.1.1)
- (ii) procurement of two 4.5 m³ vacuum trucks costs M\$80,000/truck (refer to subsection 2.1.2)
- (iii) replacement of an existing unsanitary excreta disposal facility (such as pit privy and overwater latrine) to a standardized individual septic tank costs M\$400 (refer to subsection 2.1.3)
- (iv) providing an earth work simple sedimentation ditch including influent and effluent sewers, concrete inlet and outlet works, and oil trap structure for treating wastewater from the three sea food processing factories in Kuala Kedah costs M\$4,500 (refer to subsection 2.2.1)
- (v) a concrete waste oil trap costs M\$500 (refer to subsection 2.2.2)
- (iv) a concrete simple sedimentation ditch with oil trap for the wastewater from each public market costs M\$1,500 (refer to subsection 2.2.3)

(2) Operation and Maintenance

Operation and maintenance costs are estimated only for interim measure facilities and equipment managed by MPKS.

- (i) 10 communal septic tanks to be attended by one full-time employee costs M\$300/month (refer to subsection 2.1.1)

- (ii) one vaccum truck operation including one driver, two labours, gasoline, repairing and overhauling, and depreciation costs M\$1,000/month (refer to subsection 2.1.2)

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