

## CHAPTER 12

RECOMMENDATION

1. To solve drainage problems in the future. Houses must be improved in a given standard or the government operates the housing project on financing and construction. Land uses must be considered and controlled.

2. Klongs must be used for holding basin and open channels for storm drainage only. Improvements must be made regularly.

3. Area under consideration must be sewered. Recommendation will be made on many systems of sewerage in order to approach the case of financial operation on programme stagings for both sanitary sewer systems and storm drainage systems.

If this recommended scheme has been followed, we will not be trouble during the wartime because this scheme is covered in a small area.

4. Hydraulic and Engineering standpoints of the systems are so simple but the designing and operation are very difficult because of the area under consideration is flat. Care must be taken on designing which is related to that operation.

5. Pumps are the main source of carrying sewage and storm water. It is assumed that the cost of electricity is not expensive. (source of electric power come from Hydroelectric Power Plant).

6. Urban drainage for the whole kingdom of Thailand is recommended to be a national policy. Additional Function of each government organizations concerning urban drainage must be routine works in order to compile statistical figures and informations need for urban drainage.

7. Sewerage enabling acts must be brought up into consideration and digest. This arrangement ought to be in hand of the experts in sanitary engineering field.

8. Industries are the most importance economic of any metropolitan areas, especially for Bangkok-Thonburi, planning control on industrial Land Use must locate in a given areas satisfied the condition of drainage problems.

9. Existing sewerage system for Bangkok-Thonburi can be used and need some improvements. It is recommended that sewers of drains are good for storm drainage only.

10. Urban drainage is necessary for every metropolitan areas in the kingdom of thailand especially for Bangkok-Thonburi in the present time. Central office responsible on urban drainage is necessity and needs. However power and authority of this office must be on department level. The recommendation is made in order to have this office at the present if possible. This office must organize with the ministry of development.