TABLE OF CONTENTS

		Pag
1.	Introduction	1
1.1	Team's Mission	ī
2.	The Survey	3
2.1	General	3
2.1.1	Extent and nature of survey	3
2.1.2	Physical characteristics	3
2.1.3		33334556
	Land utilization	5
	Water conservation	5
2.2	Organization of National Health Services	6
5.5.1	Ministry of Public Health	7
2,2,2	Medical Education	21
3.	The North-Eastern Region	24
3.1	Health Services	24
3.1.1	Organization and structure	24
3.1.2	Provision of health services	26
3.1.3	Provincial public health laboratory services	27
3. 2		28
	Hospitals	28
	Personnel	30
2.2.5	Financial aspects of a hospital expansion	-
7 0 h	programme for the North-East Region	31
3.2.4	The state of the property of special significance	31
3.2.5	Disease pattern seen in the hospitals	34
3.3 3.3.1	Diseases of Public Health Importance	<i>3</i> 5
3.3.1		35
3.3.2 3.3.3	Diseases due to poor sanitation	38
フ•フ•フ ጛ•ጛ•4	Insect-borne diseases	39
3.3.5	THE WINDOWSON	41
3.4	Environmental Sanitation	45
3.4.1	Population Distribution	49
3.4.2	Rural communities and housing	49
5.4.3	Urban communities	50
3.4.4	Public water supplies	51
3.4.5	Waste disposal facilities	52
3.4.6	Food preparation and handling	56
3.4.7	Stream and air pollution	57
4.8	Miscellaneous	58
5.5	Inter-ministerial and Inter-departmental co-operation	58
-	in the field of rural health development	<i>~</i>
	or rough induction development	60

		Page
3 . 5.1	The Thai-SEARO Regional Community Development	60
	Technical Assistance Centre in Ubol	62
3.5. 2	Mobile Medical Teams	02
3. 6	Inter-ministerial Agencies Collaborating in	63
	Environmental Sanitation	64
3. 7	The School for Health Workers in Khonkaen	01
4.	Chiengrai Province	65
4.1	Health Services	65
4.2	Diseases of Public Health Importance	66
4.2.1		66
	Endemic goitre	67
	Parasitism	67
	Malaria	67
4.2.4		67
5.	Public Health Implications of Mekong Projects	69
6.	Recommendations	71
6.1	Health Services	71
6.1.1		71.
6.1.0	Expansion and provision of services for future needs	72
		73
6.1.3	Environmental Sanitation	73
6.2	Overall regional planning	73
0.2.1	Community planning and housing	73
6.2.2	Public water supplies	74
		75
6.2.4	Refuse disposal	76
6.2.5	Food preparation and handling	77
6.2.0	Provision of sanitation facilities in institutions	77
6.2.1	Stream and air pollution	78
	~ ! 7	79
6.3	Water control in general	79
6.3.1	Water control in irrigation schemes	79
6.3.2	0	79
6.3.3		80
6.3.4		80
6.3.5	1 7 0 0 dd COSCOC	80
6.3.6		81
6.3.7	Health education	

ANNEXES

- 1. Provinces in Thailand in the Mekong River Basin
- 2. Projects by Irrigation Department

- 3. Organizational Chart of the Ministry of Public Health in Thailand
- 4. Health and Midwifery Centres in the North-East Region and Chiengrai
- 5. Health Laboratory Services in the North-East Region and Chiengrai
- 6. Effective Use of Hospital Bods in North-East Region in 1964
- 7. Effective Use of Hospital Bods in North-East Region in 1966
- 8. Actual Hospital Personnel by Category in North-East Region and Chiengrai
- 9. Recognized Dangers to Community Health Derived from Mekong Development Projects (Faculty of Tropical Medicine, Bangkok)
- 10. Water Borne Parasitic Diseases in the North-Eastern Region
- 11. Random Survey of Intestinal Parasites in the North-Eastern Region 1952-195 (Department of Health)
- 12. Results of Faecal Examination in Udorn and Kalasin in 1964-1965 (Faculty of Tropical Medicine)
- 12.a. Results of Stool Examinations in Amphur Thoeng (Chiengrai Province)
- 13. Reported Cases and Deaths of Dysentery in the North-Eastern Region
- 14. Data on Malaria Incidence in 2 Zones of the North-East Region
- 15. Reported Haemorrhagic Fever Cases and Deaths in 1963-1966 in the North-East Provinces
- 16. Tuberculin Indices in the North-East Provinces, 1966 (Regional Tuberculosis Centre, Khonkaen)
- 17. Results of the Yaws Eradication Campaign in the North-East Region
- 18. Incidence of Syphilis and Gonorrhoea from 1950-1960 (Thailand)
- 19. Trachoma Prevalence Rates in the North-East Region
- 20. Settlement Establishment Costs for 20 000 people 3 500 families (70 villages)