Ph.D Thesis Nirav G. Shah

LIST OF TABLES

Table	Title	Page
No.		No.
1.1	Available Fresh Water in Different Water Basins of India	4
1.2	Water Availability in India	8
1.3	Projected Water Requirements in BCM for Different Uses in India	9
1.4	Institutional Structure of Water Supply Sector in Gujarat State	15
1.5	Roles and Responsibilities in Various Water Supply Schemes of Gujarat State	17
1.6	Expenditure of State of Gujarat on Drinking Water Supply During 1990-91 to 1999-2000 (at 1999-2000 prices & in Rs. Crores)	23
3.1	List of Selected RRWSS Under Study	47
3.2	Population Under RRWSS Variav Group, Surat, As Per Census of India	48
3.3	Projected Population and Water Demand, RRWSS	49
3.4	Variav Group, Surat Projected Population and Water Demand Estimate of Water Distribution Groups Among RRWSS Gadhada group, Bhavnagar	50
3.5	Projected Population & Water Demand Estimate for the RRWSS Ishwaria Group, Amreli	51
3.6	List of Pipes Used in RRWSS Variav group, Surat	53
3.7	Details of Pumping Machinery in RRWSS Gadhada Group, Bhavnagar	55
3.8	Detail of Storage Facility for Each Group of RRWSS Gadhada Group, Bhavnagar	56
3.9	Sump & ESR Facilities in RRWSS Ishwaria Group, Amreli	57
3.10	Details of Storage Reservoirs in RRWSS Mandvi Group, Kachchh	58

Ph.D Thesis Nirav G. Shah

Table No.	Title .	Page No.
3.11	Details of Pipes Used in RRWSS Mandvi Group,	59
J.11	Kachchh	
4.1	Potable Water Quantity Requirement for Various	63
	Purposes	
4.2	Number of Responses of Users' Data Survey for	65
	'Adequacy of Water' in RRWSS Gadhada Group,	
	Bhavnagar	
4.3	Responses of Users' Data Survey for 'Adequacy of	66
	Water' in RRWSS Ishwaria Group, Amreli	
4.4	Responses of Users' Data Survey for 'Adequacy of	67
٠	Water' in RRWSS Mandvi Group, Kachchh	
4.5	Frequency of Water Received in Number (Average) of	70
	Villages for Summer Season for South & Central Gujarat	
	Schemes	
4.6	Ratings and Weights Assigned for the Various PI's for	78
	the Evaluation of Service Performance of an RRWSS	
4.7	Service Performance Index Value for Various RRWSS	80
	Under Study Area	
5.1	Details of Cost of the RRWSS Gadhada Group,	86
<i>-</i> 0	Bhavnagar Children Children BRWGG H. 1. Children	07
5.2	Capital Cost of Various RRWSS Under Study	87
5.3	Actual O & M Cost in RRWSS Variav Group (Year 2006	89
5.4	-07) Actual O & M Cost and Its Components in RRWSS	90
J. 4	Ishwaria Group, Amreli	90
5.5	Actual O & M Cost of Selected Four RRWSS (Year	91
5.5	2006-07)	71
5.6	Average Cost of O & M in Various RRWSS of South &	92
•	Central Gujarat (Based on Source of Water)	-
5.7	O & M (Rate Analysis) for Water Treatment At Various	95
	Head Works In Saurashtra Region	
5.8	Ratings and Weights Assigned for the Various PI's for	102
	the Evaluation of Financial Management Performance of	
	an RRWSS	

Ph.D Thesis Nirav G. Shah

Table No.	Title	Page No.
5.9	Financial Management Performance Index Value for	104
	Various RRWSS Under Study Area	
6.1	Details of Different Villages and Their Features Under	108
	Study Area	
6.2	Comparison of Cost for the Infrastructure Needs in CSS	111
	versus ESR & SP	