

ORAL THERAPY EXTENSION PROGRAMME PHASE II

HALFYEARLY REPORT TO JUNE 1986.

AUGUST 1986.

INTRODUCTION:

The second phase of the oral therapy extension programme (OTEP) was started in October 1983 and will run through September 1986. Because of a strategic change to group teaching method (see below), the households originally proposed to be covered by September 1986 was actually completed three months earlier in June 1986. OTEP will however cover the districts of Noakhali, Laxmipur and Feni in southern Bangladesh during the period July to September 1986, which will be funded out of savings from the second phase.

This report gives a summary of the activities for the period January to June 1986 highlighting the strategic changes which were effected during this period. A more detailed report for the whole second phase including those on the coverage of the above 3 districts will be available in October 1986.

STRATEGIES:

Evaluation Results

This period has seen several changes being made into the OTEP strategy. These changes were made out of results from two evaluation studies.

A 2-week evaluation of the programme was carried out in January February at the instance of the donar agencies. They studied the
state of the programme and made valuable recommendations which are now
available in the form of a report*.

The other results were contained in a thesis presented by a BRAC staff to the University of London for the degree of PhD. Based on a careful field work of 6 months between July to December 1984, the author

^{*} I. Cornaz and D Pyle, Evaluation of the oral therapy extension programme of BRAC, 1986.

presented several exciting results and made several recommandations*.

IMPLEMENTATION OF RECOMMENDATIONS:

During the period of the report, many of the recommendations have been implemented and incorporated into the programme. Other recommendations are also getting active consideration by OTEP for future implementation. The following gives a summary of the changes that have been made during the period.

- A. Group approach: The wisdom of OTEP's one-to-one teaching strategy was reconsidered and another approach of teaching a group of mothers instead of a single mother at a time received serious thought. The latter approach was thought and found superior in many respects: more coverage with the same cost, less variation in transmission of message, mutual interaction and reinforcement between the women, etc. There were limitations, as well but on balance, the group teaching approach was found more effective and the programme was switched to this from March 1986.
- B. Revision of 7 points: The original 10 points of the pilot phase was reviewed and revised to 7 points during the early part of the first phase. Experiences necessitated the revision of the 7 points again. The following changes have been incorporated in the 7 points. (Also see Annexure 1).
 - a) Previously there was no mention about the use of lobon-gur saline (LGS) in dysenteric diarrhoeas. Mother are now instructed to use LGS in dysentery and if it persists, they should see the doctor.
 - b) In addition to asking mother to clean the breasts before

^{*} A.M.R. Chowdhury, Evaluation of a community based oral rehydration programme in rural Bangladesh. PhD Thesis, University of London, 1986

- giving it to a baby, the mother are now advised to give it to the baby.
- c) The new seven points now instructs to wash the hands with soap or ash after defecation
- d) Signs of dehydration are more clearly stated now (Point 5)
- e) There is a clear message on referral in case of severe dehydration (Point 5)
- f) There is a stronger emphasis now on the necessity of mixing the rigit quantity of ingredients.
- q) Although not specifically mentioned in the printed 7 points, workers are instructed to use local terms for various forms of diarrhoea in teaching.
- h) As gur is not as widely available in all seasons, mothers are instructed to use sugar if gur is not available.
- Programme (CSP) is scheduled to be started from October 1986. In order to test the different components of the programme, a pilot project was started in April 1986 in 2 Upazilas: Saturia in Manikganj district and Santhia in Pabna district. ORT teaching was given through the group approach and a roster of families was prepared for each village for immunization purposes. Training to government health officials were provided on different aspects of immunization such as the maintenance of cold chain, motivation to parents and pushing of the vaccine which are still continuing. A 7-day Dai Training has also been held.

use in the actual programme.

OTHER ASPECTS

A. Operational Performance: During the period 11,53,560 mothers
were taught the 7 points which included 2,74,722 mothers reached

Experiences from these two upazilas are now being analysed for

through the one-to-one approach and 8,78,838 mothers through the group approach. Detailed results about the performances are given in Annexure-2.

39,913 households were visited through monitoring which included 13,548 covered through the one-to-one approach and 26,365 covered through the group approach. (See Annexure 3).

Analysis of chloride values reflect the past results. There were little difference in chloride results in households covered through the old and new approaches. Chloride results are available in Annexure-6.

- B. Training: The period saw a huge operation of training different BRAC staff on group teaching, primary health care, immunization, distribution of Vitamin A, etc. A total of 120 oral replacement workers (ORWs) and 340 programme organizers (P.O.s) were trained during the period.
- C. <u>Publicity</u>: The extensive publicity campaign was continued during the period. Now materials befitting the forthcoming Child Survival Programme (CSP) were developed and are now being tested for effectiveness.
- B. Research: The research staff spent most of their time during the period in working on the data from the impact evaluation. The draft report prepared on the first phase study needed more work. Data collection for the second phase has ended and are now being cleaned.

A major evaluation, looking at the implementation of the programme in areas such as usage, safety, perception, cost, etc., was carried out in collaboration with the London School of Hygiene and Tropical Medicine. Results from this evaluation was

made available in the form of a Ph.D thesis. It is found that the usage of LGS varied from 2 percent to 55 percent depending on how usage is defined and that the usage in the severe type of diarrhoea was highest (upto 55%) which is significant as these diarrhoeas lead to dehydration and death. With respect to the safety of the prepared solution, the evaluation found that the proportion of solution with sodium concentrations in the "dangerous" zone increased as the time between teaching and the data collection increased. The evaluation also found that the perception of the people about diarrhoea and its treatment was not adequate studied which led to a low usage of LGS. Cost of the programme was also studied and the BRAC programme was found to be most cost-effective when the number of mothers taught per unit cost is considered.

DISCUSSION AND CONCLUSION

A six-monthly report of OTEP covering the period between January and June 1986 have been presented. A more detailed report is forthcoming which will cover the whole of the second phase.

The most important aspects of this period are the two evaluations and consequent programme restructuring. As happened previously BRAC has always responded to evaluations in a positive manner. It is hoped that the new changes will make the programme more effective and lead to an early and complete attainment of its objectives.

SEVEN POINTS TO REMEMBER

- Loose motion, watery diarrhoea, infantile diarrhoea, cholera and dysentry, all these are called DIARRHOEA in general. Water and salt contents drain out from the body with each loose motion. If such loose motions continue for sometime, symptoms like thirst, loss of appetite, vomiting, indigestion and spasms of hands-legs etc. may set in. Diarrhoea leads to malnutrition and sometimes to death. So necessary measures should be taken in time to save the diarrhoea patients.
- 2. To save ourselves from this disease, we should drink tubewell, tap water. In case of nonavailability of such water, water from other sources should be boiled and then cooled before use. Rotten food should not be eaten. All foodstuffs should be covered well so that flies can not sit on them. Hands and mouth should be washed by soap or pure water before eating. Hands should be washed by soap or ash after return from latrine. Remember that breast-milk is harmless. The children who suck breast-milk from birth rarely have diarrhoea (or suffers from diarrhoea).
- 3. The treatment of loose motion/diarrhoea is to replenish by any means the water and salt lost. The easiest treatment is to administer oral saline. One can easily prepare this saline at home by using water, salt, molasses or sugar only. In addition, consultation with doctor is advised.
- 4. Oral saline is to be prepared by mixing a pinch of salt with the help of tips of three fingers and a fistful of molasses in half a seer of water well stirred. Care should be taken to mix salt, molasses and water in right proportion. A fistful of sugar can be used if molasses is not available.
- 5. Oral saline should be administered immediately after the first loose motion. It may be difficult to replenish the lost water and salt if saline is administered after 2/3 loose motions. As a result, patient will be more dehydrated i.e. eyes will be sunken, tongue dry, fontanelle of children sunken and the patient will become too weak. In such cases, patient should be referred to a doctor.
- 6. Adult patients should be given oral saline at the rate of half a seer at a time after each loose motion. The children should be given only as much as they want, but at frequent intervals. Once saline is prepared, it may be kept for 6 hours only.
- 7. Advice on nutrition: During the disease, the patient should be given to take plenty of water and foodstuffs like rice, curry along with oral saline. In case of children, breast milk/normal diet should be continued. Increased amount of food at least for seven days after recovery should be given. This will prevent malnutrition and weakness of the patient and minimise him/her falling victim to the disease again.

Coverage by Area, Upazila and households
From October 83 to June 86

Area	Name of Area	No. of Upazila	No. of Upa- zila covered	No. of Rural Household	No. of Rural House- bold visited	% Rural House- hold visited	Remarks
1	Comilla (N)	5	. 5	2,57,191	1,80,165	70.05	Completed
2	Narsingdi	5	6	2,28,068	1,97,278	86.49	79
3	Tangaií	11	11	4,01,780	3,49,326	86.94	
4	Mymensingh (S)	6	6	3,00,964	2,60,642	86.60	
5	Barisal (S)	4	4	1,50,741	1,16,346	77.18	"
6	Bhola	7	6	2,04,370	1,65,789	81.13	
7	Patuakhali	6	6	1,87,949	1,54,232	82.06	
8	Kishoreganj	12	12	3,32,790	2,81,756	84.66	
9	Brahmanbaria	7	7	2,82,716	2,42,448	85.76	
10	Gazipur	5	5	1,83,667	1,58,877	86.50	*
11	Barisal (N)	4 .	5	1,52,450	1,13,052	74.15	
12	Barguna	5	5	1,22,477	1,05,481	86.12	
13	Pirojpur	8	7	1,94,985	1,52,561	78.24	
14	Manikganj	7	7	1,80,813	1,43,147	79.17	
14 15	Dhaka	5	5	1,77,609	1,42,884	80.44	
16	Comilla (S)	6	6	3,02,530	2,58,961	85.60	
16 17	Mymensingh (N)	6	6	2,61,492	2,14,554	82.05	
18	Jhalokati	4	4	94,816	72,156	76.01	
19	Chandpur	7	7	3,13,330	2,06,757	65.99	
20	Netrokona	10	10	2,61,943	2,07,710	79.30	
20 21	Munshiganj	6	6	1,71,424	1,41,508	82.55	
22	Jamalpur	6	6	2,64,140	2,32,868	88.16	
23	Sherpur	5	5	1,63,064	1,56,815	96.17	
24	Narayanganj	5	5	1,65,156	1,55,309	94.04	4
25	Santhia	-			18,001		
2.5	Cultura	400 MM					
	Total	152	152	53,56,465	44,28,623	82.34	

Area wise Household monitored and Percentage of monitored Household from Octobr'83 to June'86

					1				
Area	Name of Area	Household	Household		% House	holds	8	of Househo	olds
		Visited	Monitored	A	В	C	D	monitor	ed
1	Comilla (N)	1,80,165	9,274	53.33	44.82	1.49	0.36	5.15	
2	Narsingdi	1,97,278	9,579	54.32	43.21	2.03	0.44	4.86	3
3	Tangail	3,49,326	16,785	55.29	42.35	1.93	0.43	4.80	
4	Mymensingh (S)	2,60,642	14,000	51.77	46.41	1.79	0.08	5.37	
5	Barisal (S)	1,16,346	5,995	49.56	48.17	1.79	0.48	5.15	
6	Bhola	1,65,789	8,454	51.06	46.49	2.27	0.14	5.10	
7	Patuakhali	1,54,232	7,946	53.12	45.19	1.32	0.37	5.15	
8	Kishoreganj	2,81,756	14,302	53.52	45.23	0.99	0.26	5.08	
9	Brahmanbaria	2,42,448	12,752	54.13	44.07	1.62	0.18	5.26	
10	Gazipur	1,58,877	7,936	56.73	42.53	0.57	0.17	5.00	146
11	Barisal (N)	1,13,052	5,809	50.92	47.81	1.15	0.12	5.14	
12	Barguna	1,05,481	5,386	53.84	44.15	1.69	0.32	5.11	
13	Pirojpur	1,52,561	7,300	52.05	46.70	1.22	0.03	4.78	
14	Manikganj	1,43,147	7,225	55.71	42.96	1.17	0.16	5.05	
15	Dhaka	1,42,884	6,800	60.19	38.74	0.91	0.16	4.76	
16	Comilla (S)	2,58,961	11,137	56.66	41.62	1.52	0.20	4.30	
17	Mymensingh (N)	2,14,554	6,083	56.69	42.53	0.68	0.10	2.84	
18	Jhalokati	72,156	4,361	52.95	46.47	0.58	-	6.04	
19	Chandpur	2,06,757	7,187	54.72	45.01	0.23	0.04	3.48	
20	Netrokona	2,07,710	5,473	53.85	45.22	0.80	0.13	2.63	
21	Munshiganj	1,41,508	3,424	55.80	43.77	0.35	0.08	2.42	
22	Jamalpur	2,32,868	8,486	55.53	43.67	0.79	0.01	3.64	
23	Sherpur	1,56,815	7,503	54.87	44.69	0.44	-	4.78	
24	Narayanganj	1,55,309	4,650	55.55	43.43	0.90	0.09	2.99	
25	Santhia	18,001	THE PERSON NAMED IN	-	-	-	-	_	
	Total	44,28,623	1,97,847	54.22	44.29	1.29	0.20	4.47	

Annexure 4

Area-wise							
peri	od	Jan	.86	to	June	`86	

Area	No. of Upazila	No. of Union	Ist shot covered	2nd shot covered	Oth Ist	ers 2nd	Total Shot
Netrokona	10	10	23596	22775	2393	2093	50857
Chandpur	4	4	12076	11905	264	255	24500
Sherpur	5	5	13101	12654	-	-	25755
Jamalpur	6	6	16887	16310	-	-	33197
Munshiganj	6	6	13796	13356	533	307	27992
Narayanganj	5	5	14374	13662	7	9	28052
Total	36	36	93830	90662	3197	2664	190353

Annexure - 5

Statistical report on CRP from Jan '84 to June '86

				rana rep	OLE OIL OIL	Trom Com	04 60 000	10 00		
Name of Area	Dai	trained	Shebika	trained	Colostrum	Patient	Health Number	Meeting Parti	Chula	Supplementary
Comilla (N)		299	654		399	2030	4418	33146	334	372
										1137
										3163
										495
										234
STATE OF THE PARTY										3855
										1074
										1323
										1352
		346	733							989
		487	1338				1 / Total Company 1 70 / 1			1603
		615	1395		507		786			710
Committee Commit		449	1544							567
		354	2106							818
										458
				1						709
										1144
Jhalokati		217	1327		529		558	6960		350
		266	1295				/ hcb- 12 1950 mm -			445
Netrokona		518	-		792		1845		_	1514
Munshiganj		185	-		120	362	770	8307	_	204
		308	-		620	684		31218	-	1146
		292	-		589	334			2	920
Narayanganj		275	-		437	1026	1419	30216	27	541
						,				
Total		9162	26913		17072	61885	50470	680379	14805	25128
	Comilla (N) Narsingdi Tangail Mymensingh (S) Barisal (S) Bhola Patuakhali Kishoreganj Brahmanbaria Gazipur Barisal (N) Barguna Pirojpur Manikganj Dhaka Comilla (S) Mymensingh (N) Jhalokati Chadnpur Netrokona Munshiganj Jamalpur Sherpur Narayanganj	Comilla (N) Narsingdi Tangail Mymensingh (S) Barisal (S) Bhola Patuakhali Kishoreganj Brahmanbaria Gazipur Barisal (N) Barguna Pirojpur Manikganj Dhaka Comilla (S) Mymensingh (N) Jhalokati Chadnpur Netrokona Munshiganj Jamalpur Sherpur Narayanganj	Comilla (N) 299 Narsingdi 224 Tangail 586 Mymensingh (S) 349 Barisal (S) 405 Bhola 355 Patuakhali 397 Kishoreganj 767 Brahmanbaria 311 Gazipur 346 Barisal (N) 487 Barguna 615 Pirojpur 449 Manikganj 354 Dhaka 151 Comilla (S) 496 Mymensingh (N) 510 Jhalokati 217 Chadnpur 266 Netrokona 518 Munshiganj 185 Jamalpur 308 Sherpur 292 Narayanganj 275	Comilla (N) 299 654 Narsingdi 224 402 Tangail 586 2757 Mymensingh (S) 349 834 Barisal (S) 405 1214 Bhola 355 812 Patuakhali 397 754 Kishoreganj 767 3281 Brahmanbaria 311 1221 Gazipur 346 733 Barisal (N) 487 1338 Barguna 615 1395 Pirojpur 449 1544 Manikganj 354 2106 Dhaka 151 1164 Comilla (S) 496 1910 Mymensingh (N) 510 2172 Jhalokati 217 1327 Chadnpur 266 1295 Netrokona 518 — Munshiganj 185 — Jamalpur 308 — Sherpur 292 — Narayanganj 275 —	Name of Area Dai trained Shebika trained Comilla (N) 299 654 Narsingdi 224 402 Tangail 586 2757 Mymensingh (S) 349 834 Barisal (S) 405 1214 Bhola 355 812 Patuakhali 397 754 Kishoreganj 767 3281 Brahmanbaria 311 1221 Gazipur 346 733 Barisal (N) 487 1338 Barguna 615 1395 Pirojpur 449 1544 Manikganj 354 2106 Dhaka 151 1164 Comilla (S) 496 1910 Mymensingh (N) 510 2172 Jhalokati 217 1327 Chadnpur 266 1295 Netrokona 518 - Munshiganj 185 - Jamalpur 308 <td< td=""><td>Name of Area Dai trained Shebika trained Colostrum Comilla (N) 299 654 399 Narsingdi 224 402 952 Tangail 586 2757 906 Mymensingh (S) 349 834 739 Barisal (S) 405 1214 225 Bhola 355 812 817 Patuakhali 397 754 1015 Kishoreganj 767 3281 1409 Brahmanbaria 311 1221 1095 Gazipur 346 733 538 Barisal (N) 487 1338 912 Barguna 615 1395 507 Pirojpur 449 1544 836 Manikganj 354 2106 811 Dhaka 151 1164 342 Comilla (S) 496 1910 779 Mymensingh (N) 510 2172 1139 Jhalokat</td><td>Name of Area Dai trained Shebika trained Colostrum, Patient Comilla (N) 299 654 399 2030 Narsingdi 224 402 952 2066 Tangail 586 2757 906 5168 Mymensingh (S) 349 834 739 1110 Barisal (S) 405 1214 225 847 Bhola 355 812 817 2417 Patuakhali 397 754 1015 3444 Kishoreganj 767 3281 1409 5020 Brahmanbaria 311 1221 1095 7899 Gazipur 346 733 538 1435 Barisal (N) 487 1338 912 2255 Barguna 615 1395 507 3192 Pirojpur 449 1544 836 2641 Manikganj 354 2106 811 5991 Dhaka 151 1164 342 900 Comilla (S) 496 1910 779 5056 Mymensingh (N) 510 2172 1139 1419 Jhalokati 217 1327 529 733 Chadnpur 266 1295 564 4288 Netrokona 518 - 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792 1568 1845 21465 - Munshiganj 185 - 120 362 770 8307 - Jamalpur 308 - 620 684 2909 31218 - Sherpur 292 - 589 334 1216 15958 2 Narayanganj 275 - 437 1026 1419 30216 27</td></td<>	Name of Area Dai trained Shebika trained Colostrum Comilla (N) 299 654 399 Narsingdi 224 402 952 Tangail 586 2757 906 Mymensingh (S) 349 834 739 Barisal (S) 405 1214 225 Bhola 355 812 817 Patuakhali 397 754 1015 Kishoreganj 767 3281 1409 Brahmanbaria 311 1221 1095 Gazipur 346 733 538 Barisal (N) 487 1338 912 Barguna 615 1395 507 Pirojpur 449 1544 836 Manikganj 354 2106 811 Dhaka 151 1164 342 Comilla (S) 496 1910 779 Mymensingh (N) 510 2172 1139 Jhalokat	Name of Area Dai trained Shebika trained Colostrum, Patient Comilla (N) 299 654 399 2030 Narsingdi 224 402 952 2066 Tangail 586 2757 906 5168 Mymensingh (S) 349 834 739 1110 Barisal (S) 405 1214 225 847 Bhola 355 812 817 2417 Patuakhali 397 754 1015 3444 Kishoreganj 767 3281 1409 5020 Brahmanbaria 311 1221 1095 7899 Gazipur 346 733 538 1435 Barisal (N) 487 1338 912 2255 Barguna 615 1395 507 3192 Pirojpur 449 1544 836 2641 Manikganj 354 2106 811 5991 Dhaka 151 1164 342 900 Comilla (S) 496 1910 779 5056 Mymensingh (N) 510 2172 1139 1419 Jhalokati 217 1327 529 733 Chadnpur 266 1295 564 4288 Netrokona 518 - 792 1568 Munshiganj 185 - 120 362 Jamalpur 308 - 620 684 Sherpur 292 - 589 334 Narayanganj 275 - 437 1026	Name of Area Dai trained Shebika trained Colostrum Patient Number Comilla (N) 299 654 399 2030 4418 Narsingdi 224 402 952 2066 78 Tangail 586 2757 906 5168 3115 Mymensingh (S) 349 834 739 1110 781 Barisal (S) 405 1214 225 847 900 Bhola 355 812 817 2417 429 Patuakhali 397 754 1015 3444 1998 Kishoreganj 767 3281 1409 5020 1713 Brahmanbaria 311 1221 1095 7899 8354 Gazipur 346 733 538 1435 1863 Barisal (N) 487 1338 912 2255 1640 Barguna 615 1395 507 3192 786 Pirojpur 449 1544 836 2641 361 Manikganj 354 2106 811 5991 1048 Dhaka 151 1164 342 900 1332 Comilla (S) 496 1910 779 5056 4135 Mymensingh (N) 510 2172 1139 1419 298 Jhalokati 217 1327 529 733 558 Chadnpur 266 1295 564 4288 8504 Netrokona 518 - 792 1568 1845 Munshiganj 185 - 120 362 770 Jamalpur 308 - 620 684 2909 Sherpur 292 - 589 334 1216 Narayanganj 275 - 437 1026 1419	Name of Area Dai trained Shebika trained Colostrum Patient Number Parti Comilla (N) 299 654 399 2030 4418 33146 Narsingdi 224 402 952 2066 78 1759 Tangail 586 2757 906 5168 3115 39028 Mymensingh (S) 349 834 739 1110 781 10210 Barisal (S) 405 1214 225 847 900 21157 Bhola 355 812 817 2417 429 5998 Patuakhali 397 754 1015 3444 1998 21199 Kishoreganj 767 3281 1409 5020 1713 27709 Brahmanbaria 311 1221 1095 7899 8354 155635 Gazipur 346 733 538 1435 1863 17403 Barisal (N) 487 1338 912 2255 1640 62569 Barguna 615 1395 507 3192 786 13248 Pirojpur 449 1544 836 2641 361 4871 Manikganj 354 2106 811 5991 1048 17466 Dhaka 151 1164 342 900 1332 12686 Comilla (S) 496 1910 779 5056 4135 35423 Mymensingh (N) 510 2172 1139 1419 298 5084 Jhalokati 217 1327 529 733 558 6960 Chadnpur 266 1295 564 4288 8504 81664 Netrokona 518 - 792 1568 1845 21465 Munshiganj 185 - 120 362 770 8307 Jamalpur 308 - 620 684 2909 31218 Sherpur 292 - 589 334 1216 15958 Narayanganj 275 - 437 1026 1419 30216	Name of Area Dai trained Shebika trained Colostrum Patient Number Parti Chula Comilla (N) 299 654 399 2030 4418 33146 334 Narsingdi 224 402 952 2066 78 1759 969 Tangail 586 2757 906 5168 3115 39028 1237 Mymensingh (S) 349 834 739 1110 781 10210 229 Barisal (S) 405 1214 225 847 900 21157 190 Bhola 355 812 817 2417 429 5998 335 Patuakhali 397 754 1015 3444 1998 21199 1148 Kishoreganj 767 3281 1409 5020 1713 27709 1461 Brahmanbaria 311 1221 1095 7899 8354 155635 696 Gazipur 346 733 538 1435 1863 17403 1215 Barisal (N) 487 1338 912 2255 1640 62569 607 Barguna 615 1395 507 3192 786 13248 1030 Pirojpur 449 1544 836 2641 361 4871 769 Manikganj 354 2106 811 5991 1048 17466 1118 Dhaka 151 1164 342 900 1332 12686 1187 Comilla (S) 496 1910 779 5056 4135 35423 718 Mymensingh (N) 510 2172 1139 1419 298 5084 1011 Jhalokati 217 1327 529 733 558 6960 133 Chadnpur 266 1295 564 4288 8504 81664 389 Netrokona 518 - 792 1568 1845 21465 - Munshiganj 185 - 120 362 770 8307 - Jamalpur 308 - 620 684 2909 31218 - Sherpur 292 - 589 334 1216 15958 2 Narayanganj 275 - 437 1026 1419 30216 27

Annexure-6

Distribution of chloride concentration as observed in the programme along with sample statistic's for the month of December 85, January 86, February 86, March 86, April 86 and May 86

Chloride concentr- ation in m.mol/L	Safety and effective- ness	Dec'85	Jan'86	Peb'86	Mar `86	Apr'86	May'86
<30	Safe but less effective	2.24	3.08	3.60	1.61	1.47	1.17
30-99	Safe and effective	92.64	93.52	92.43	93.33	92.27	90.61
100-119	Effective but potentially dangerous	3.66	2.62	2.98	3,80	4.43	6.09
120 and over	Dangerous	1.46	0.78	0.99	1.26	1.83	2.13
Total		5758	6195	6383	6166	4966	4088
Mean		63.65	60.29	59.58	63.11	63.98	68.4
S.D.		20.27	22.65	24.20	21.00	20.92	21.49

BRAC ORAL THERAPY EXTENSION PROGRAMME (OTEP) RECEIPTS AND EXPENDITURE STATEMENT POR 33 MONTHS ENDED ON 30TH JUNE 1986

HEAD OF ACCOUNTS	IAMOUNTI	TOTAL
RECEIPTS		
Surplus fund from Phase I .	-	28,30,826
Grants:	*	8,70,37,183
Swiss Development Co-operati Swedish Free Church Aid:		
DIAKONIA UNICEF	2,78,72,328 1,83,66,045	
Iinterest (Net)		4,75,997
	T	k. 9,03,44,006
EXPENDITURE		
RECRUITMENT AND TRAINING		
Staff Recruitment Staff Training ORW Refresher Course	5,08,930 13,06,058 2,09,031	
Trainer's Salaries and benefits Trainer's Transportation	1,59,930	***
QBW TEAMS		21,84,913
ORW Salaries & benefits Salary & Bnefits of P.O. Salary & Benefits of Srvicee Staff Team Housing & Transportation Team Supplies/Initial Team Supplies/Operational Team Supplies/Promotional	1,89,75,792 1,19,08,292 19,68,550 48,78,671 4,72,997 42,08,974 5,52,006	
Team Supplies/Stationeries	3,79,512	4,33,44,794
Balance C/O		4,55,29,707

REINFORCEMENT TEAM

REGULAR REINFORCEMENT

Salary & Benefits of P.O. Salary & Benefits of S. Staff Team Housing & Transportation Team Supplies/Initial Team Suppliees/Operational Team office Supplies/Stationeries.	47,34,084 5,71,438 10,67,406 64,752 5,61,729 1,08,358	
		71,07,767
SPECIAL REINFORCEMENT CONCENTRATED REINFORCEMENT IN	11,48,729	11,48,729
Salary & Bnefits of P.O. Salary & Benefits of Srvicee Staff Team Housing & Transportation Team Supplies/Initial Team Supplies/Operational Team Training Team Office Supplies/Stationeries	77,45,577 7,67,476 12,26,435 2,92,445 13,71,631 12,26,637 1,01,541	1,27,31,742
AREA FIELD SUPPORT		
Area Support Staff salary & benefits Service Staff & benefits Office Accommodation and Transportation Office Supplies/Initial Office Supplies/Operational Office maintenance & general expenses	23,24,321 2,48,111 19,76,499 95,336 3,74,462 40,330	

Balance C/O

50,59,059

7,15,77,004

Balance B/F		7,15,77,004
ORGANIZATIONAL REQUIREMENT		
CENTRAL OFFICE		
Land Rover Micro Computer Computer Accessories	3,25,000 10,36,256 1,27,763	14,89,019
AREA OFFICE		
Motor Cycle	1,08,000	1,08,000
PUBLICITY		
Posters Radio Television Newspaper/Journal Bill Board/display	4,73,895 ·5,39,011 18,40,238 2,51,343 54,500	
		31,58,987
LABORATORY		
Laboratory Technicians' salary & benefits Transportation Operational	1,05,052 17,840 4,30,856	
EVALUATION		5,53,748
DATA COLLECTION		
Staff Salaries & Benefits Service Staff salaries & benefits Transportation Supplies Printing & Stationery	10,25,417 39,943 1,72,425 88,741 1,02,842	
		14,29,368
Balance C/O.		7,83,16,126

DATA PROCESSING

Staff Salaries & Benefits	8,44,635
Transportation	59,332
Stationery	17,767
Computer time & Data Processing	6,06,402
TARABLE THE RESERVE OF THE RESERVE OF THE SECOND STATES	

15,28,136

ADMINISTRATION

In transit

Salary & Benefits Salary & bnefits of Service Staff Travelling expenses Office Space Rent Utilities Office Supplies Transport Running cost General Expenses Furniture & Fixtures Head Office Support Office Equipment	22,18,064 2,86,022 2,05,174 3,30,000 1,44,000 2,14,593 3,96,000 1,32,148 3,38,463 7,20,000 1,53,460

51,37,924

Total Expenditure Upto 30th June, 1986

Balance of Fund as on 30th June, 1986

Tk. 53,61,820

Tk. 8,49,82,186

Tk. 9,03,44,006

Balance of Fund Tk. 53,61,820 is reconciled below BRAC FUND CONTROL Cash and Bank Balance at field Advance and prepayments Liabilities for expenses

51,36,733 10,01,289 1,62,505 (12,53,962) 3,15,255

Tk. 53,61,820