

APPENDICES

Appendix 1.1

Year-wise break up of outstanding Inspection Reports (IRs) as on 30 June 2015

(Reference: Paragraph 1.7.1; Page: 9)

Year	Up to 2010-11	2011-12	2012-13	2013-14	2014-15	Total
GENERAL EDUCATION DEPARTMENT						
No. of IRs	751	84	33	68	54	990
No. of paragraphs	2796	407	227	336	249	4015
No. of IRs for which initial reply has not been received (no. of paragraphs)	(149)	(22)	(4)	(15)	(27)	(217)
HEALTH DEPARTMENT						
No. of IRs	553	92	99	180	220	1144
No. of paragraphs	2503	320	482	907	1348	5560
No. of IRs for which initial reply has not been received (no. of paragraphs)	64 (378)	19 (93)	21 (126)	62 (420)	128 (857)	294 (1874)
MEDICAL EDUCATION DEPARTMENT						
No. of IRs	99	10	24	17	20	170
No. of paragraphs	645	94	263	188	204	1394
No. of IRs for which initial reply has not been received (no. of paragraphs)	NIL	NIL	NIL	NIL	20 (204)	20 (204)

Appendix 1.2

Details of Action Taken Notes pending as of September 2015

(Reference: Paragraph 1.7.3; Page: 9)

Sl. No.	Department	2011-12	2012-13	2013-14	Total
1	General Education	-	2	1	3
2	Health & Family Welfare	-	-	4	4
3	Health & Family Welfare, Higher Education	-	-	1	1
4	Home	-	1	-	1
5	Housing	-	-	1	1
6	Information Technology	-	-	1	1
7	Revenue	-	3	-	3
8	Scheduled Castes/Scheduled Tribes Development	1	-	1	2
9	Water Resources	-	4	1	5
	Total	1	10	10	21

Appendix 1.3

Statement showing the details of paragraphs pending discussion by the
Public Accounts Committee as of September 2015

(Reference: Paragraph 1.7.4; Page: 9)

Sl. No.	Name of Department	2011-12	2012-13	2013-14	Total
1	General Education	-	2	1	3
2	Health and Family welfare	-	3	5	8
3	Cultural Affairs	-	-	1	1
4	Home	-	1	-	1
5	Housing	-	-	1	1
6	Information Technology	-	-	1	1
7	Labour and Skills	-	-	1	1
8	Revenue	-	4	-	4
9	Scheduled Castes/Scheduled Tribes Development	1	-	1	2
10	Sports and Youth Affairs	-	1	-	1
11	Water Resources	-	4	1	5
	Total	1	15	12	28

Appendix 2.1

List of Educational development schemes for SC students

(Reference: Paragraph 2.1; Page: 12)

Running/Providing of

1. Nursery Schools (89 Nos.)
2. Model Residential Schools (9 Nos.)
3. Model Residential Sports School (1)
4. Model Residential Polytechnic (1)
5. Pre-examination Training Centres (4 Nos.)
6. Post-matric Hostels (17 Nos.)
7. Pre-matric Hostels (86 Nos.)
8. Industrial Training Institutes (SC) (44 Nos.)
9. Para-medical Institute (4 Nos.)
10. Community College (1)
11. Centre for Research and Education for Social Transformation (CREST)
12. Vijnan Vadis (proposed 1000 Nos.)
13. Pre-matric and Post-matric studies – scholarships (GOI scheme), stipends, Lump-sum grant, reimbursement of fees and other Financial Assistances.
14. Special incentives to talented students
15. Book bank scheme
16. Babu Jagjeevanram Chathravas Yojana (construction of hostels)
17. Vision 2013 (Assistance for Medical/Engineering entrance exam coaching)
18. Institute of Civil Service Examination Training Society (ICETS)
19. Courses and programmes conducted by Other Agencies
20. Medical College, Palakkad
21. Distribution of laptops

Appendix 2.2

List of test checked Institutions

(Reference: Paragraph 2.5; Page: 13)

Sl. No.	Name of Institutions	Sl. No.	Name of Institutions	Sl. No.	Name of Institutions
I	Nursery Schools	II	Pre-matric Hostels (contd.)	III	Post-matric Hostels (contd.)
1	Enchapuri	38	Pottassery	75	Kannadi
2	Edakode	39	Agali	76	Kannur
3	Thalayil	40	Kumaranelur	IV	ITIs
4	Sreenivasapuram	41	Shoranur	77	Kanjiramkulam
5	Santhipuram	42	Manissery	78	Mariyapuram
6	Perumbazhuthur	43	Kadirur	79	Kadakampalli
7	Mariyapuram	44	Thalassery	80	Anchamada
8	Thirupuram	45	Azheekkode	81	Attipra
9	Muriyankara	46	Pazhayangadi	82	Perumala
10	Thonnakkal	47	Taliparambu	83	Varkala
11	Panavur	48	Mayyil	84	Edakode
12	Vilakkudy	49	Sreekandapuram	85	Shingarathope
13	Kadakkmon	50	Oachira	86	Oachira
14	Punalur	51	Poruvazhy	87	Kulakada
15	Kulakkada	52	Sasthamcotta	88	Vettikavala
16	Veliyam	53	Kunnathur	89	Palapuram
17	Chaloorakonam	54	Ezhukone	90	Mangalam
18	Chillithode	55	Punalur	91	Chittur
19	Ranikovil	56	Puthur	92	Madayi
20	Kollam Pattada	57	Chanthannur	V	MRS
21	Thenur	58	Neyyattinkara	93	Peerumade, Idukki
22	Masaparmbu	59	Nedumangad	94	Thrithala, Palakkad
23	Koottala	60	Kilimanoor	95	Kuzhalmannom, Palakkad
24	Paruthur	61	Venganur	96	Shree Ayyankali Memorial Government Model Residential Sports School, Thiruvananthapuram
25	Kattampally	62	Aruvikkara	VI	Paramedical Institute
26	Valapattanam	63	Venjaramood	97	Thiruvananthapuram
27	Vathilmada	64	Kattappana	98	Palakkad
II	Pre-matric Hostels	65	Koovapally	99	Kannur
28	Mundur	66	Karimannoor	VII	PETC
29	Mankara	67	Peermade	100	Thiruvananthapuram
30	Vadakkanchery	68	Munnar	101	Palakkad
31	Kottayi	III	Post-matric Hostels	102	ICETS, Thiruvananthapuram
32	Alathur	69	Vellayambalam 1	103	CREST, Kozhikkode
33	Puthunagaram	70	Vellayambalam 2	104	Community Collge, Palakkad
34	Kollengode	71	Poochedivila	105	Medical College, Palakkad
35	Kozhinjampara	72	Amruthakulam Boys	106	MR Polytechnic, Palakkad
36	Alanellur	73	Amruthakulam Girls		
37	Karakurussi	74	Palakkad		

Appendix 2.3

Strength of students in nurseries in the five test checked districts

(Reference: Paragraph 2.7; Page: 14)

Sl. No.	District	Nursery	2010-11	2011-12	2012-13	2013-14	2014-15	Average
1	Thiruvananthapuram	Enchapuri	13	13	13	18	16	15
2		Edakode	13	12	17	17	16	15
3		Thalayal	17	12	12	14	19	15
4		Sreenivasapuram	17	16	18	21	17	18
5		Santhipuram	8	8	32	43	44	27
6		Perumpazhuthur	30	20	15	13	10	18
7		Mariyapuram	22	17	15	10	11	15
8		Thirupuram	21	18	18	14	13	17
9		Muriyankara	25	20	15	15	12	17
10		Thonakkal	14	13	12	18	21	16
11		Panavoor	10	11	12	13	14	12
12	Kollam	Villakudy	20	20	17	14	18	18
13		Kadakamon	37	45	27	26	29	33
14		Punalur	17	15	17	17	18	17
15		Kulakkada	17	26	30	26	29	26
16		Velliyam	32	30	30	28	26	29
17		Chalurkonam	32	20	18	15	32	23
18	Idukki	Chillithode	19	16	15	16	18	17
19		Ranikovil	13	17	18	17	23	18
20		Kollampattada	19	19	18	17	18	18
21	Palakkad	Thenur	10	11	9	8	9	9
22		Masaparambu	20	10	13	13	20	15
23		Kuttala	26	25	25	26	25	25
24		Paruthur	19	18	13	11	13	15
25	Kannur	Kattampally	16	23	23	15	18	19
26		Valapattanam	12	21	15	18	18	17
27		Vathilmada	25	24	25	20	14	22

Appendix 2.4

Deficiencies in infrastructure – Nurseries
(‘X’ denotes deficiency noticed)

(Reference: Paragraph 2.7.1; Page: 14)

Sl. No.	Nursery	Leaking Roof/ Dilapidated Building	Non-availability/ Unclean Toilet	Non-Availability of Water source	Non-Availability of Electric connection	Non-Availability of Swing & slide
Thiruvananthapuram						
1	Muriyankara	X	X	X	X	X
2	Thalayal	--	--	X	--	X
3	Edakode	--	--	X	--	X
4	Sreenivasapuram	--	--	X	X	X
5	Santhipuram	--	--	X	--	X
6	Perumpazhuthur	X	--	--	--	X
7	Mariyapuram	--	--	--	--	X
8	Thirupuram	--	--	--	--	X
9	Enchapuri	--	--	X	--	X
10	Thonakkal	--	--	--	--	--
11	Panavoor	--	X	X	--	X
Kollam						
12	Villakudy	--	X	--	X	X
13	Kadakamon	--	X	--	X	X
14	Punalur	--	X	X	X	X
15	Kulakkada	--	--	--	X	--
16	Velliyam	--	--	--	--	--
17	Chalurkonam	--	--	--	--	--
Idukki						
18	Chillithode	--	--	--	--	--
19	Ranikovil	--	--	X	X	--
20	Kollampattada	--	--	X	--	X
Palakkad						
21	Thenur	--	--	--	X	--
22	Masaparambu	--	--	--	--	--
23	Kuttala	--	--	--	--	--
24	Paruthur	--	--	--	--	--
Kannur						
25	Kattampally	--	--	X	--	--
26	Valapattanam	--	--	--	--	--
27	Vathilmada	--	--	--	--	--

Appendix 2.5

**Inadequate infrastructural facilities in Pre-Matric Hostels in selected districts
['I' denotes Inadequate]**

(Reference: Paragraph 2.10.2.1; Page: 18)

Sl. No.	Name of Hostel	Sufficient Space	Cots	Table	Arm less Chair	Cupboard	Mattress	Mattress cover	Bed Sheet	Pillow	Mirror	Comb	Mat	Gas connection	Laundry facility	Sufficient electric connections	Computer	TV
1	Mundur		I												I	I	I	
2	Mankara	I	I	I	I	I	I	I	I	I	I	I	I		I	I		
3	Vadakkanchery		I							I					I	I	I	I
4	Kottayi										I		I		I	I		
5	Alathur						I				I	I			I	I		I
6	Puthunagaram			I											I		I	
7	Kollengode	I	I												I	I		
8	Kozhinjampara		I			I	I				I		I		I	I		
9	Alanellur	I	I		I	I	I				I	I			I	I		I
10	Karakurussi														I			
11	Pottassery										I		I		I	I		
12	Agali		I										I		I	I		I
13	Kumaranellur		I	I	I		I	I	I	I	I	I			I	I		
14	Shoranur		I												I	I		
15	Manissery			I	I										I	I	I	
16	Kadirur	I							I		I		I		I			
17	Thalassery														I			I
18	Azheekkode		I	I		I	I	I	I	I	I		I		I			
19	Pazhayangadi										I				I			
20	Taliparambu		I				I								I			
21	Mayyil			I		I					I		I		I			
22	Sreekandapuram	I	I	I	I	I	I	I		I	I		I	I	I			
23	Chathannur			I		I						I			I			
24	Oachira					I	I			I	I		I	I	I			
25	Poruvazhy			I										I	I		I	
26	Sasthamcotta													I	I	I	I	
27	Kunnathur													I	I			
28	Ezhukone		I	I		I							I	I	I			
29	Punalur		I			I	I				I	I	I	I	I	I		
30	Puthur		I											I	I			
31	Neyyattinkara	I			I						I	I	I		I			
32	Nedumangad				I	I		I			I				I			
33	Kilimanoor		I												I	I		

Sl. No.	Name of Hostel	Sufficient Space	Cots	Table	Arm less Chair	Cupboard	Mattress	Mattress cover	Bed Sheet	Pillow	Mirror	Comb	Mat	Gas connection	Laundry facility	Sufficient electric connections	Computer	TV
34	Venganur					I		I			I	I	I		I			
35	Aruvikkara					I					I	I	I		I			
36	Venjaramood	I	I	I	I	I		I			I	I	I		I	I		
37	Kattappana													I				
38	Koovapally	I					I		I	I						I		
39	Karimannoor	I												I				
40	Peermade				I	I			I	I	I			I				
41	Munnar		I															

Appendix 2.6

Details of intake capacity/enrolment/pass percentage in test checked ITIs

(Reference: Paragraph 2.11; Page: 20)

District	ITI	Trade	Total capacity for five years, 21 students per year	Total admission for five years	Appeared for examination	Pass out/ Percentage
Thiruvananthapuram	1. Kanjiramkulam	Plumber	105	73	56	8 (14)
	2. Mariapuram	Carpenter	105	56	42	3 (7)
	3. Katakampally	Plumber	105	100	60	31 (52)
	4. Anchamada	Electrician	105	105	79	47 (59)
		Electronic Mechanic	105	105	75	45 (60)
	5. Attipra	Surveyor	105	105	80	71 (89)
	6. Perumala	Plumber	105	73	45	12 (27)
	7. Varkala	Plumber	105	101	83	31 (37)
	8. Edakodu	Painter	105	104	64	43 (67)
9. Sinkarathopu	MMV	105	102	86	51 (59)	
Kollam	10. Oachira	Draftsman	105	105	84	58 (69)
		Plumber	105	105	74	18 (24)
	11. Kulakkada	Electrician	105	105	74	41 (55)
		Draftsman	105	105	80	41 (51)
12. Vettikavala	Carpenter	105	87	57	6 (11)	
Palakkad	13. Palappuram	Carpenter	105	105	83	46 (55)
	14. Mangalam	Draftsman	105	104	89	54 (61)
		Civil Plumber	105	104	91	42 (46)
15. Chittur	Surveyor	105	105	102	97 (95)	
Kannur	16. Madai	Painter	105	90	74	33 (45)
		Plumber	105	93	78	28 (36)
Total			2205	2032	1556	806 (52)

Appendix 2.7

List of schools where tuition/special fee was not reimbursed

(Reference: Paragraph 2.17.3; Page: 29)

Sl. No.	Name of school	SCDO	No. of students
	Thiruvananthapuram		
1.	Manampur Angel Montessori UPS	Varkala	4
2.	Little flower EMHS, Edava	Varkala	21
3.	KTCT Public school, Kaduvayil	Kilimanoor	7
4.	Angel LPS, Poovar	Parasala	48
5.	Holy Cross, Pottayicode	Parasala	14
6.	Christ Nagar EMHS, Vellayambalam	Thiruvananthapuram Corporation	9
7.	MMRHS, Neeramankara	Thiruvananthapuram Corporation	119
8.	Nirmala Bhavan Girls HS	Thiruvananthapuram Corporation	133
9.	Vidhyadhi Raja Vidya Mandir HS	Thiruvananthapuram Corporation	44
10.	Carmal Convent HS	Thiruvananthapuram Corporation	72
11.	Marthoma EMHS, Mukkolakkal	Thiruvananthapuram Corporation	24
12.	Jothinilayam HS	Thiruvananthapuram Corporation	71
13.	Al Uthuman EMHS, Kazhakkootam	Thiruvananthapuram Corporation	10
14.	Sarvodaya Vidhyala, Nalanchira	Thiruvananthapuram Corporation	3
15.	Cordova EMHS	Thiruvananthapuram Corporation	10
16.	Holy Trinity EMHS, Kattela	Thiruvananthapuram Corporation	85
17.	Sree Neelakanda VPHS, Chenkottukonam	Thiruvananthapuram Corporation	64
18.	Mary Giri EMHS, Kudappanakunnu	Thiruvananthapuram Corporation	8
19.	Thunchan Smaraka EMHS, Iranimuttom	Thiruvananthapuram Corporation	73
20.	SVM UPS, Koliyacode, Nemom	Thiruvananthapuram Corporation	4
21.	Muslim Association Model School, Thycaud	Thiruvananthapuram Corporation	22
22.	Mar Gregorious UPS, Nemom	Thiruvananthapuram Corporation	58
23.	Sree Vidhyadhiraja Vidyalayam, Kalippankulam	Thiruvananthapuram Corporation	6
24.	Bethlehem LPS, Sreekariyam	Thiruvananthapuram Corporation	50
25.	SRK STS UPS, Nettayam	Thiruvananthapuram Corporation	42
26.	St. Shantal LPS, Kowdiar	Thiruvananthapuram Corporation	47
27.	Jawahar Nagar EM LPS	Thiruvananthapuram Corporation	26
28.	St. Marys LPS, Pattom	Thiruvananthapuram Corporation	332
	Kollam		
29.	Pattazhy MGEM UPS	Pathanapuram	3
30.	Valiyakulangara SMEM HSS	Oachira	24
31.	Adinadu Vishnu Vidyakendra	Oachira	2
	Idukki		
32.	Peermade MEMHSS	Peermade	106
33.	Vandiperiyar SJUPS	Peermade	78

Sl. No.	Name of school	SCDO	No. of students
34.	PIUS Nagar SP UPS	Devikulam	104
35.	Karimannoor Winners English School	Elamdesam	4
36.	Puliyannala LF LPS	Kattappana	37
37.	Kattappana OEM HSS	Kattappana	23
	Palakkad		
38.	SDAHS Kanniyampuram	Ottappalam	3
39.	Mannam Memorial NSS EMHS, Ottappalam	Ottappalam	11
40.	UPMEM School, Kothakkurissi	Ottappalam	19
41.	Darul Athfal UPS, Koppam	Pattambi	6
42.	Al Huda EMHS, Ongallur	Pattambi	1
43.	Islahiya Orphanage LPS, Kumaranellur	Thrithala	3
44.	IES EMHS, Thrithala	Thrithala	1
45.	Model Central School, Alathur	Alathur	6
46.	NESMVPS, Vadakkenchery	Alathur	98
47.	LCV, Pirayiri	Palakkad block	51
48.	MESHS, Mundur	Palakkad block	18
49.	Mujahideen HS, Parali	Palakkad block	23
50.	AAHS Chindakky, Attapady	Mannarkkad	19
51.	MESKTM, Vattanapuram	Mannarkkad	2
52.	Irshad HS, Changaleeri	Mannarkkad	4
53.	Karuna CUPS, Vandithavalam	Chittur	20
54.	Ayyappa EI EMUPS, Kunnankattupathy	Chittur	6
	Total		2078

Appendix 3.1

Details of defunct schemes

(Reference: Paragraphs 3.7, 3.9; Pages: 37, 45)

Sl. No.	Name of scheme	Panchayat	Total HHs	Total cost (₹ in lakh)	Issues identified on site verification and Beneficiary Survey	Date completion	How long the scheme functioned
1	Thayamparambu	Vettom	41	4.21	Water not available in the source (open well) and not functioning since its commissioning	March 2006	Defunct since inception
2	Brahmaputhra	Erumapetty	39	6.34	Scheme became defunct due to source failure. Yield test (05/2005) recommended for five hours of daily pumping and warned that excess pumping will affect the long life of the source. But the BG stated that while running the scheme, pumping was done for 16 hours daily.	November 2006	Six years
3	Nila	Vallathol Nagar	20	3.12	Source failure in summer, BG unable to manage expenditure. KSEB disconnected electricity	May 2007	Seven years
4	Jalavahini	Vallathol Nagar	41	4.66	No water in source. Electricity connection withdrawn	April 2007	Two years
5	Padoor Manakkad	Kavasseri	38	5.90	Absence of water in source led to stoppage of the scheme	February 2006	Nine years
6	Nelluri	Tuneri	28	3.66	Constant power failure and voltage fluctuation led to damage of pumpset and main switch	February 2004	Ten years
7	Vandana	Vellarada	42	10.40	Scheme was not functioning due to non-installation of pumpsets with required capacity.	September 2008	Not working since inception
8	Kairali	Vellarada	50	7.96	Scheme defunct as pumping could not be made	September 2008	Not working since inception
9	Ganga Maduravellil Borewell	Kaduthurithy	51	6.53	Submersible pumpset in borewell was not functioning and the distribution lines were damaged. The BG did not make any rectification attempt.	December 2007	One year
10	Vadakkekara	Thachanattukara	20	2.81	Pumping main to reservoir and reservoir to distribution line not completed.	February 2006	Defunct since inception
11	Souhrida	Thachanattukara	23	2.75	Pumpset damage	December 2005	One year
12	Perumal Oothu (Moolagangal) Tribal	Sholayur	34	1.15	Damage to distribution line and BG inactive	October 2007	Eight years
13	Thusharam	Koduvalli	45	5.05	Selection of unsuitable pumpset led to stoppage	October 2006	One year
14	Multi BG scheme of 5 BGS (Brahmagiri, Sangamam, Triveni, Jyothi, Karunya)	Thirunelly	376	67.61	BG not able to bear the high operational cost.	October 2007	One year
15	Kandillappara	Chaliyar	29	6.65	BG was inactive due to financial constraints	February 2008	Defunct since inception
16	Vellakkulam Tribal	Sholayur	38	2.08	BG inactive to make rectification.	April 2004	Three years

Sl. No.	Name of scheme	Panchayat	Total HHs	Total cost (₹ in lakh)	Issues identified on site verification and Beneficiary Survey	Date completion	How long the scheme functioned
17	Adukkamala Koolippara	Madavoor	56	8.01	BG inactive	February 2005	Four years
18	Pidavoor East	Thalavoor	30	8.37	BG inactive to run the scheme	April 2008	Three years
19	Edarikode	Thalavoor	31	7.95	BG inactive in repair work on the distribution line.	September 2007	Five years
20	Kanakooth	Chaliyar	70	11.26	The RWH structures were the sources of water. None of the structures were used for storing water for drinking purpose.	April 2006	Not worked since inception
21	Peruvampadam	Chaliyar	90	14.48	The RWH structures were the sources of water. None of the structures were used for storing water for drinking purpose.	March 2006	Not worked since inception
Defunct schemes due to quality issues							
22	Kothaparamba	Vettom	88	8.43	Due to high salinity, water was not used	October 2005	Defunct since inception
23	Nandini	Vellarada	51	8.73	Soil near the outer boundary of the well collapsed and water is not fit to drink	September 2007	Six years
24	Nelikkattuparambu	Nenmara	38	6.92	Due to poor quality of water beneficiaries opted out scheme	January 2006	Six months after inception
25	Vannanthura Tribal	Sholayur	67	3.57	Inferior quality of water. Beneficiaries opted out	March 2005	One month after commissioning
26	Thazhe Sambarcode Tribal	Sholayur	68	1.78	Yellowish color and Iron taste	March 2005	Ten years
27	Pravaham	Koduvalli	48	8.80	Water tasted iron. Beneficiaries not interested	January 2007	Three years
28	Anaswara	Kaduthuruthi	42	5.03	Inferior quality of water	November 2006	Two years
29	Vanabandhu	Thirunelly	36	5.70	Brown colour and sediments and iron contents	April 2007	Defunct since inception
30	Lifeline	Tanur	115	7.60	Poor quality of water	July 2005	Two months
	TOTAL			247.51			

Appendix 3.2

Small water supply schemes functioning without addressing quality issues

(Reference: Paragraph 3.9; Page: 45)

Sl. No.	Scheme	Panchayat	No. of HH	Total cost (₹ in lakh)	Issue	Findings of Field survey, record verification and beneficiary group survey
1	Thiyyara Kunnummal	Tuneri	41	6.37	Poor quality of water	The source was open well constructed in a paddy field and marshy area. Water test result of the scheme revealed Low PH, excess turbidity, presence of E-coli and other coliform bacteria, excess iron in the water. KRWSA issued Exit order and the scheme commissioned without addressing the quality issue. BG is not adopting CPHEEO standards. No disinfection methods were adopted. Water quality test were not conducted regularly. No beneficiary out of 23 surveyed used the water for drinking purpose.
2	CCUP School Bhagam	Tuneri	40	5.76	Poor quality of water	The source an open well was located very near to paddy field. No precautionary measures like infiltration gallery were constructed to arrest contamination from paddy field. The well was constructed at a depth of four metre against 10 metre recommended by the hydro geologist. BG is not adopting CPHEEO standards. No disinfection methods were adopted. Water quality tests were not conducted regularly. One out of 25 beneficiaries surveyed used the water for drinking purpose.
3	Oottukkulam	Kadalundi	34	3.58	Yellowish colour and taste of iron	Beneficiaries complained of yellowish colour and excess iron which caused damage to vessels. Water quality result showed presence of iron. A water purification system was installed, but it could not provide iron free water. Iron Removal Plant should have been installed to remove the iron content in the water. Chlorination is done regularly. However, no methods were adopted to ensure the supply of iron free water. No beneficiary out of 25 surveyed used the water for drinking purpose.
4	Kalnadu	Nenmara	46	7.27	Inferior quality water	There was supply of inferior quality of water and it was not used for drinking or cooking. The water quality test was not conducted before commencement of the scheme. The KRWSA replied that quality issue could be mitigated by adopting proper treatment. No CPHEEO standards were followed before the supply of water. No regular quality checking is done. No beneficiary out of 25 surveyed used the water for drinking purpose.
5	Kandamkulam	Nenmara	44	3.35	Supply of inferior quality water	The supplied water was of poor quality due to severe iron taste and yellow color. Water quality test was not conducted before commencement of the scheme. The beneficiary group admitted that BG had not followed CPHEEO standards before the supply. No disinfection methods were adopted. Three beneficiaries out of 25 surveyed used the water for drinking purpose.
6	Pulippara	Thalavoor	42	4.21	Iron taste for water	Water quality test (11/2007) showed presence of iron (0.46 mg/litre) above the desirable limit (0.3 mg/litre). The scheme functioned without installation of IRP. Disinfection method using bleaching powder is adopted, but methods for supply for iron free water were not adopted by the BG. Three beneficiaries out of 25 surveyed used the water for drinking purpose.

Sl. No.	Scheme	Panchayat	No. of HH	Total cost (₹ in lakh)	Issue	Findings of Field survey, record verification and beneficiary group survey
7	Varsha	Vallathol Nagar	43	5.97	Poor quality of water	Quality test revealed the presence of iron 2.45 mg/litre against the permissible limit of 1 mg/litre and advised to go for iron removal methods before supply. IRP not installed properly. The BG was not making any treatment or disinfection of water before supply. No quality test of water is conducted. Eight beneficiaries out of 25 surveyed used the water for drinking purpose.
8	Olippara Junction	Ayilur	34	3.58	Due to bad color and taste, not taken for drinking	Borewell source. Water quality test results were not made available. The BG had not tested the water. The BG president stated that the water was not potable. However, disinfection by bleaching powder is adopted. Four beneficiaries out of 25 surveyed used the water for drinking purpose.
9	Padinjare Thiruvazhiyode	Ayilur	52	5.63	Possibility of contaminated water	The open well was located in the middle of paddy field. Cracks developed on the side walls of the well. The BG had not ensured CPHEEO standards before the supply of water. BG stated that chlorination is done. Four beneficiaries out of 25 surveyed used the water for drinking purpose.
10	Pulikkoth	Madavoor	43	6.16	Iron content in the water	KWA test result (03/2008) after implementation (05/2005) of the scheme shows high turbidity and iron content. But without addressing the issue, the scheme continued to operate. Further tests were not conducted. CPHEEO standards were not followed. Disinfection methods using bleaching powder was used, but no method adopted for supply of iron free water. No beneficiary out of 25 surveyed used the water for drinking purpose.
11	Areepramala	Madavoor	39	7.63	Iron content	KWA test result (07/2004) indicated high PH, presence of iron above the desirable limit and bacteria and recommended that water should be analysed for physical, chemical and bacteriological contamination once in a year. This was not done. Six beneficiaries out of 23 surveyed used the water for drinking purpose.

Appendix 3.3

Schemes in Phase I whose sources had dried up

(Reference: Paragraph 3.10.1; Page: 48)

Sl. No.	Name of District	Name of GP	Name of Scheme
1.	Malappuram	Nediyirippu	Musliyarangadi
2.	Malappuram	Nediyirippu	Kuttippalamkunnu
3.	Malappuram	Nediyirippu	Kalothu Kottiyamkandi
4.	Malappuram	Nediyirippu	Edakkodu Epplikodu
5.	Malappuram	Nediyirippu	Chundattuparamb
6.	Malappuram	Nediyirippu	Vattapparambu
7.	Malappuram	Nediyirippu	Panakapp arambu
8.	Malappuram	Nediyirippu	Kunnarthodi
9.	Malappuram	Nediyirippu	Varikalay
10.	Malappuram	Nediyirippu	Mathilvilall Kunnathuparambu
11.	Malappuram	Nediyirippu	Milyampadi Palekkode
12.	Malappuram	Nediyirippu	Kariyampurathu
13.	Malappuram	Nediyirippu	Parammel
14.	Malappuram	Porur GP	Dharma School Kunnu
15.	Malappuram	Pulikkal	Pulloorpurai
16.	Malappuram	Pulikkal	Nanmbarakunnu
17.	Malappuram	Pulikkal	Ishwarya WSS
18.	Malappuram	Pulikkal	Jalanidhi Alungal Thodiyil
19.	Malappuram	Edakkara	Nallemthanni
20.	Malappuram	Edakkara	Karunechi
21.	Malappuram	Edakkara	Mailadumkunnu
22.	Malappuram	Moothedam	Amruthavahini
23.	Malappuram	Moothedam	Karimbuzha Palakkara
24.	Malappuram	Moothedam	Shrothas WSS Chelakadavu
25.	Malappuram	Moothedam	Kottamala WSS
26.	Malappuram	Moothedam	Saphalam WSS
27.	Kozhikode	Madavoor	Puthuserimmal
28.	Kozhikode	Madavoor	Cooligam Adukkammala WSS
29.	Kozhikode	Madavoor	Paingattammel
30.	Kozhikode	Madavoor	Poyil WSS
31.	Kozhikode	Madavoor	Areepramala
32.	Kozhikode	Madavoor	Melathatte
33.	Kozhikode	Madavoor	Peedamparamala
34.	Kozhikode	Madavoor	Vellattummal
35.	Kozhikode	Madavoor	Parappara
36.	Kozhikode	Madavoor	Vadakepurayil
37.	Kozhikode	Madavoor	Gain Kozhiparamba
38.	Kozhikode	Thiruvambadi	Athulya Punnakkal (Urumi)
39.	Kozhikode	Thiruvambadi	Thushara
40.	Kozhikode	Thiruvambadi	Amruthavahini
41.	Kozhikode	Koodranji	Pattothu WSS
42.	Kozhikode	Koodranji	Hilvali WSS Muthuvambay
43.	Kozhikode	Koodranji	Pallikkunnu WSS
44.	Kozhikode	Koodranji	Kookara Sauhrudaya BG
45.	Kozhikode	Koodranji	Pulari WSS
46.	Kozhikode	Koodranji	Mundanmala WSS
47.	Kozhikode	Koodranji	Olimala WSS
48.	Kozhikode	Nochad	Edavanathara
49.	Kozhikode	Nochad	Muthukunnu
50.	Kozhikode	Nochad	Neelothu Nadukandi Meethal
51.	Kozhikode	Nochad	Illathupara WSS

Sl. No.	Name of District	Name of GP	Name of Scheme
52.	Kozhikode	Nochad	Meppattu Bhagam
53.	Kozhikode	Nochad	Chembranthara Jalopyoga Sangam
54.	Kozhikode	Kavilumpara	Kabani WSS
55.	Kozhikode	Chemanchery	Cheenalachiri
56.	Kozhikode	Chemanchery	Vikas Nagar
57.	Ernakulam	Palakkuzha	Podipara
58.	Ernakulam	Palakkuzha	SLEC Kozhippilly
59.	Ernakulam	Palakkuzha	Vettuparappuram
60.	Ernakulam	Palakkuzha	Neduvanchery
61.	Ernakulam	Palakkuzha	Kavumbhagam
62.	Thrissur	Panjal	Masjid Road
63.	Thrissur	Panjal	Changalapalam WSS
64.	Thrissur	Panjal	Shivaganga Jalapriya
65.	Thrissur	Panjal	Varsha
66.	Thrissur	Panjal	Puthuma
67.	Thrissur	Panjal	Keezhillam
68.	Palakkad	Kongad	Puliyankade SVS
69.	Palakkad	Kongad	Vettukulam
70.	Palakkad	Kongad	Varuna
71.	Palakkad	Kongad	Mancherikavu
72.	Palakkad	Kongad	Mahatmagandhi
73.	Palakkad	Kongad	Gandhi WSS
74.	Palakkad	Kongad	Sahrudha WSS
75.	Palakkad	Kongad	Thriveni
76.	Palakkad	Kongad	Yuvagana
77.	Palakkad	Kongad	Nellikunnu
78.	Palakkad	Kongad	Kasthurba
79.	Palakkad	Kongad	Akshaya
80.	Palakkad	Kongad	Cholakunnu
81.	Palakkad	Kongad	Ayyappankavu
82.	Palakkad	Kongad	Pavithram
83.	Palakkad	Kongad	Chundekadu
84.	Palakkad	Kongad	Janapriya WSS
85.	Palakkad	Kongad	Menashery

Appendix 4.1

List of works included in the 12th Five Year Plan but not taken up/completed

(Reference: Paragraph 4.2.3; Page: 57)

(*₹ in lakh*)

Name of Work	Amount earmarked	Amount allotted	Present status
Reel Paper godown at GP Mannanthala	35.00	40.00 (11/2012)	Completed
Reel Paper godown at GP Vazhoor	45.00	65.00 (11/2012)	Completed
Reel Paper godown at GP Ernakulam	40.00	20.00 (11/2012)	Not taken up
Reel Paper godown at GP Kozhikode	40.00	27.50 (11/2012)	Completed
Quarters for employees at GP Wayanad	200.00	0.00	Fund not allotted
Quarters for employees at GP Kannur	200.00	245.00 (11/2012)	Work going on
Quarters for employees at GP Shoranur (Reconstruction Works)	100.00	0.00	Fund not allotted
Compound Wall at GP Mannanthala	300.00	300.00 (09/2013)	Not taken up
Waste Paper Godown at GP Mannanthala	41.00	0.00	AS for ₹20.50 lakh (2011-12) and completed.
Waste Paper Godown at GP Vazhoor	45.00	0.00	Fund not allotted
Waste Paper Godown at GP Ernakulam	41.00	25.00 (11/2012)	Not taken up
Waste Paper Godown at GP Kozhikode	41.00	29.50 (11/2012)	Completed
Waste Paper Godown at GP Kannur	41.00	0.00	Fund not allotted
Waste Paper Godown at GP Wayanad	41.00	0.00	Fund not allotted
Warehouse at GCP Thiruvananthapuram	50.00	0.00	Fund not allotted
Water Storage Facility at GP Mannanthala	50.00	0.00	Fund not allotted
Water Storage Facility at GP Vazhoor	50.00	0.00	Fund not allotted
Water Storage Facility at GP Kannur	50.00	0.00	Fund not allotted
Water Storage Facility at GP Shoranur	50.00	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GCP Thiruvananthapuram	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GP Mannanthala	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at Stamp Manufactory, Thiruvananthapuram	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GP Vazhoor	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GP Shoranur	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GP Kozhikode	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GP Kannur	12.50	0.00	Fund not allotted
Maintenance of Electrical, Water Supply and Drainage System at GP Wayanad	12.50	0.00	Fund not allotted
Reconstruction of Damaged Compound Wall at GCP Thiruvananthapuram	47.50	0.00	Fund not allotted
Total amount	1607.50		

Appendix 4.2

Delay in rectification of complaints of modern machinery

(Reference: Paragraph 4.2.7; Page: 62)

Name of Press	Name of machinery	Period during which idling
Government Central Press, Thiruvananthapuram	Digital printer (RISO brand) No. 5	Under repair from 09/03/2011 onwards
	Digital printer (RISO brand) No. 8	Under repair from 09/2011 to 02/2012
	Digital printer (RISO brand) No. 9	Under repair from 02/08/2014 onwards
	Offset printing machine No. 1	Under repair from 08/2014 to 01/2015
	Double Colour Offset Printing Machine (No. 8)	One unit (out of two units) not functioning for long periods after an accident and machine is being used partially.
Government Press, Shoranur	Offset printing machine No. 5	Under repair from 08/08/2014 onwards
	Offset printing machine No. 7	Under repair from 01/05/2014
Government Press, Mannanthala	Digital printer (RISO brand)	Not working from 2011 onwards
	Four-Colour sheet fed offset printing machine	25/02/2012 onwards
	Five-colour sheet fed offset printing machine	One part not functioning from 10/2014
	3 Air Conditioners for DTP	Not working since 04/2014
Government Press, Vazhoor	Offset printing machine No. 25	One out of two machines not functioning from 09/10/2010 due to non-functioning of electronic control card damage

Appendix 4.3

Differences in rate of sand fixed by Kadavu Committees in Thrissur and Malappuram districts

(Reference: Paragraph 4.3.4.1; Page: 70)

District	Year	Rate fixed by KC/tonne (in ₹)	RMF & Local Body Share (in ₹)	Percentage of RMF & Local Body Share *	Rate fixed by PWD/tonne	Quantity of sand sold in tonne	Actual amount collected (in ₹)	Amount to be collected as per PWD rate (in ₹)	Difference (in ₹)
Thrissur	2010-11	292.63	126.25	43.14	951	259112	75822649	246415512	170592863
	2011-12	593.75	275.00	46.32	951	320968	189050152	305240568	116190416
	2012-13	588.75	275.00	46.71	1509	118184	69580830	178339656	108758826
	2013-14	593.75	275.00	46.32	767	17856	10512720	13695552	3182832
	2014-15	618.75	275.00	44.44	857	8200	5073750	7027400	1953650
Malappuram	2010-11	330.00	115.00	34.85	951	996058	328699140	947251158	618552018
	2011-12	330.00	115.00	34.85	951	927166	305964780	881734866	575770086
	2012-13	330.00	115.00	34.85	1509	868888	286733040	1311151992	1024418952
	2013-14	656.50	115.00	17.52	767	383882	252018533	294437494	42418961
	2014-15	845.25	115.00	13.61	851	300911	254345023	256075261	1730238
TOTAL						4201225	1777800617	4441369459	2663568842

Revenue foregone = ₹96.58 crore (36.26 per cent of ₹2663568842)

Amount due to RMF = ₹48.29 crore (being 50 per cent of the revenue foregone i.e. ₹96.58 crore)

* Average of the percentage of RMF & Local Body share = 36.26 per cent

* Percentage of Labour components etc., (100 - 36.26) = 63.74 per cent

Since Malappuram district did not furnish the actual amount collected, Audit worked out the figures based on rates fixed by DEC and quantity sold

Appendix 4.4

Differences in rate of sand fixed by Kadavu Committees in Ernakulam and Kollam districts

(Reference: Paragraph 4.3.4.1; Page: 70)

District	Year	Rate fixed by KC/tonne (in ₹)	Rate fixed by PWD/tonne	Quantity of sand sold (in tonne)	Actual amount collected (in ₹)	Amount to be collected as per PWD rate (in ₹)	Difference (in ₹)
Ernakulam	2010-11	709.12	951	210505.00	149273355	200190255	50916900
	2011-12	768.35	951	329120.00	252880593	312993120	60112527
	2012-13	828.50	1509	300417.50	248894506	453330008	204435502
	2013-14	886.92	828	219682.50	194840790	181897110	(-)12943680
	2014-15	1360.20	907	157727.50	214540762	143058843	(-)71481919
TOTAL (A)							231039330
Kollam	2010-11	634.00	951	132694.90	74238933	126192850	51953917
	2011-12	634.00	951	122182.50	73459758	116195558	42735800
	2012-13	634.00	1509	152557.80	92023490	230209720	138186230
	2013-14	634.00	822	73955.00	44524860	60791010	16266150
	2014-15	634.00	925	99889.40	63973633	92397695	28424062
TOTAL (B)							277566159
GRAND TOTAL				1798732.10	1408650680	1917256169	508605489

- In Ernakulam District, Kadavu rates were varied from kadavu to kadavu. In order to get a uniform rate per tonne, audit had worked out an average rate by dividing the gross amount collected with the total quantity sold in each year. This includes labour cost also. As cost of labour was not furnished to audit separately, audit presumed cost of sand as 36.26 per cent as in the case of Thrissur and Malappuram Districts (**Appendix 4.3**) to determine the loss to RMF. The loss thus worked out in Ernakulam and Kollam Districts during 2010-15 was ₹18,44,20,350 i.e. ₹18.44 crore (RMF share is ₹9.22 crore).
- In Kollam District, Kadavu rate was fixed based on a GO (June 2009) meant for sale of confiscated sand without considering the labour charges.

Appendix 4.5

List of Children's Homes, Observation Homes and Special Homes

(Reference: Paragraph 4.4.1; Page: 74)

Sl. No.	Name of Home
1. Children's Homes	
1.	Children's Home, Thiruvananthapuram
2.	Children's Home, Kollam
3.	Children's Home, Kottayam
4.	Children's Home, Alappuzha
5.	Children's Home, Thrissur
6.	Children's Home for Boys, Kozhikode
7.	Children's Home for Girls, Ernakulam
8.	Children's Home for Girls, Kozhikode
2. Observation Home cum Special Children's Homes	
1.	Observation Home cum Special Children's Home, Palakkad
2.	Observation Home cum Special Children's Home, Wayanad
3.	Observation Home cum Special Children's Home, Malappuram
4.	Observation Home cum Special Children's Home, Kannur
5.	Observation Home cum Special Children's Home, Kasaragod
6.	Observation Home cum Special Children's Home, Pathanamthitta
3. Observation Homes	
1.	Observation Home, Thiruvananthapuram
2.	Observation Home, Kollam
3.	Observation Home, Kottayam
4.	Observation Home, Alappuzha
5.	Observation Home, Ernakulam
6.	Observation Home, Thrissur
7.	Observation Home for boys, Kozhikode
8.	Observation Home for girls, Kozhikode
4. Special Homes	
1.	Special Home, Thiruvananthapuram
2.	Special Home for Girls, Kozhikode
5. Place of Safety, Thrissur	

Appendix 4.6

Status of infrastructure facilities in Government run Children's Homes in the selected districts

(Reference: Paragraph 4.4.7.1; Page: 84)

Facilities to be provided as per norms	Children's home, Thiruvananthapuram	Children's home, Alappuzha	Children's home, Thrissur	Children's home for Girls, Kozhikode	Children's home for boys, Kozhikode	CHMDC, Kozhikode	CHPDC, Alappuzha
1. Infrastructure							
Dormitory	Sufficient area available	Insufficient	Sufficient area available	Sufficient area available	Sufficient area available	Sufficient area available	Insufficient
Class Room	Available	No	Yes	Yes	No	Yes	No
Sick room/first aid room	No	Yes	Yes	Yes	No	Yes	Yes
Recreation Room	Yes	Yes	Yes	Yes	No	Yes	No
Library	Yes	Yes	Yes	Yes	Yes	No	No
Bathrooms	Yes	Not sufficient	Yes	Yes	Not sufficient	Yes	Yes
Counselling and guidance room	No	No	Yes	Yes	No	No	No
2. Bedding							
Mattress		No	Not given after 2011	Yes	No	No	No fund is provided for dressing. So given through sponsorship
Mosquito net		No	Yes	Yes	Yes	No	
Skirt and blouse or salwar kameez for girls				2 set/year instead of 5 set/year			
Inner wears				4/year instead of 6/year			
Shoes		No	No	Yes	No	No	
Shirts for boys		Yes	4/year instead of 5		4/year instead of 5	Yes	
Pants		3/year instead of 5	4/year instead of 5		4/year instead of 5	Yes	