Annexure 1 (Refer Para 1.7)						
Details of criteria and Sample selected						
Type of unit	**Production Units**	**Zonal Railways**	**Carriage Workshops**	**Coaching Depots**	**Green stations**	**Trains having bio-toilets**
Sample size	*100%*	*Sample size*	*100%*	*2 major depots in each zone*	*100%*	*Pasenger Survey and Joint Inspection with Railway Officials*
1	***2***	***3***	***4***	***5***	***6***	***7***
	Rail Coach Factory, Kapurthala	CR	Matunga	Wadi Bunder	NIL	Vidarbha Express (12105)
	Inetgral Coach Factory, Perambur		Parel (MLR)	Pune		Punjab Mail (12137)
	Modern Coach Factory, Rae Bareilly	ER	Liluah	Sorting Yard	NIL	Saraighat Express (12345)
			Kanchrapara	Sealdah		Howrah Delhi Kalka Mail (12311)
		ECR	Harnaut	Rajendra Nagar	NIL	Capital Express (13246)
				Dhanbad		Swarnarekha Express (13301)
		ECoR	Bhubaneshwar	Vishakpattanam	NIL	Rameswaram Bhubaneswar Express (18495)
				Puri		Puri-Okha Express (18401)
		NR	Jagadhari	New Delhi	Shri Mata Vaishno Devi Katra-Firozpur	Mahamana Express (22418)
			Alambagh	Lucknow		Varuna Express (14228)
		NCR	Jhansi (MLR)	Allahabad	NIL	Kanpur -Bandra Express (22443/44)
				Gwalior		Kanpur-Udhampur Express (14155/56)
		NER	Gorakhpur	Lucknow	NIL	Pushpak Express (12533/34)
			Izzatnagar	Gorakhpur		Maduadeeh -Rameshwaram Express (15119/20)
		NFR	Dibrugarh Town	Guwahati- Kamakhya	NIL	Guwahati-Okha Express (15636)
			New Bongaigaon	Dibrugarh-Tinsukia		Guwahati -Lokmanya Tilak Express (15648)
		NWR	Ajmer	Bikaner	NIL	Aravali Express (19708)
			Jodhpur	Jaipur		Jaipur-Bhopal express (19711)
		SR	Perambur	Basin Bridge	Rameswaram	Chennai Egmore - Rameswaram Express (16101)
			Loco Works/Perambur	Rameswaram		Rameswaram -Tirupati Express (16780)
			Golden Rock			
		SCR	Lalaguda	Hyderabad	Machilipatnam	Visakha Express (17016)
			Tirupati	Securendarabad		Kagaznagar Express ((12757)
		SER	Kharagpur	Santragachi	NIL	Howrah-Yeshwantpur Express (12863/64)
				Tatanagar		Howrah-Mumbai Mail (12810/09)
		SECR	Motibagh, Nagpur	Bilaspur	NIL	Chhattisgarh Sampark Kranti Express (12823)
				Durg		Nagpur Bilaspur intercity express (12856)
		SWR	Hubli	Yashwantpur	Mysuru*	Mysuru-Varanasi Express (16229)
			Mysuru	Bengaluru		Srimata Vaishnodevi Katra -Yashwantpu Suvidha Express (82652)
		WR	Lower Parel	Indore	Okha	Saurashtra Express (19215/16)
			Bhavnagar	Porbandar	Porbandar	Porbander-Muzzafarpur Express (19269/70)
						Saurashtra Mail (22945/46)
		WCR	Nishatpura, Bhopal (MLR)	Kota	NIL	Kota-Udhampur Express (19805)
				Jabalpur		Jabalpur-Nizamuddin Express (12121)
		*Note:- Mysuru station was identified for as Green Train station but yet to be notified.				

Annexure 2 (Refer Para 2.4)

Details of budget allotment vis-a-vis utilisation of funds for retro fitment of bio-toilets in Zonal Railways

Zonal Railway	Year	Funds allotted for fitment of Bio-toilets (in lakhs)	Funds utilised for fitment of bio toilets (in lakhs)	Variation between column 3 and column 4	Reasons for variations
1	*2*	*3*	*4*	*5*	*6*
CR	2014-15	200.00	0.00	NA	The cost of fitment of bio-toilets is included in the cost of MLR. No separate fund is provided for fitment of bio-toilets
	2015-16	430.00	0.69	NA	
	2016-17	430.00	123.67	306.33	The work is still in progress and the expenditure incurred till date is only on procurement of materials. Hence the variation.
ECoR	2014-15	132.00	132.00	0.00	Shortfall in achievement
	2015-16	600.00	430.00	170.00	
	2016-17	1300.00	1244.00	56.00	-
ECR	2014-15	0.00	0.00	0.00	
	2015-16	400.00	69.42	330.58	Non-achievement of target
	2016-17	300.00	0.00	300.00	One P.O was issued during 2016-17 for procurement of 72 Bio-tanks dated 31/03/2017.
ER	2014-15	250.00	250.00	0.00	Not applicable
	2015-16	100.00	130.39	-30.39	Assistance taken from other Railway. Bio-toilets received from Bhopal Workshop
	2016-17	300.00	335.00	-35.00	Debit will be raised on Rly. Board for the variation amount
NCR	2014-15	100.00	26.53	73.47	Shortfall in supply under Divisional Contract in 20141-5 and 2015-16. The procurement process was not finalised by the Stores Department in 2016-17.
	2015-16	200.00	170.07	29.93	
	2016-17	300.00	0.00	300.00	
NFR	2014-15	150.00	61.27	88.73	less procurment and unadjustable amount against pending bills
	2015-16	600.00	311.05	288.95	
	2016-17	794.00	793.00	1.00	Procurment under process
NWR	2014-15	350.00	24.04	325.96	The Rate Contract for bio-toilets in NWR was executed by Railway Board and the debits for the work executed by the contractor has not been received from Railway Board till date.
	2015-16	600.00	310.85	289.15	
	2016-17	6000.00	0.00	6000.00	
		900.00	828.47	71.53	
NER	2014-15	600.00	0.00	600.00	Supply payment in next year
	2015-16	1700.00	1051.00	649.00	
	2016-17	1100.00	842.00	258.00	Work is now being done by private agencies allotted by Railway Board.
NR	2014-15	620.00	0.00	620.00	Non-availability of coaches/ material
	2015-16	2120.00	2120.00	0.00	Not Applicable
	2016-17	3668.00	2262.00	1406.00	
SR	2014-15	0.00	0.00	0.00	Retrofitment of Bio-toilets are carried out through RSP. No separate details regarding year wise allotment/expenditure are available.
	2015-16	0.00	0.00	0.00	
	2016-17	2768.00	913.00	1855.00	
SCR	2014-15	350.00	348.00	2.00	
	2015-16	800.00	467.00	333.00	Material not received
	2016-17	600.00	597.00	3.00	Material under procurement P.O released
SER	2014-15	990.00	31.57	958.44	PO issued for 198 sets of Bio toilet. Out of which only 50 sets received and fitted in coaches
	2015-16	600.00	37.48	562.53	
	2016-17	501.00	329.00	172.00	
SECR	2014-15	0.00	0.00	0.00	

Annexure 2 (Refer Para 2.4)

Details of budget allotment vis-a-vis utilisation of funds for retro fitment of bio-toilets in Zonal Railways

Zonal Railway	Year	Funds allotted for fitment of Bio-toilets (in lakhs)	Funds utilised for fitment of bio toilets (in lakhs)	Variation between column 3 and column 4	Reasons for variations
1	*2*	*3*	*4*	*5*	*6*
	2015-16	180.00	180.00	0.00	
	2016-17	0.00	0.00	0.00	
SWR	2014-15	200.00	30.59	169.41	Balance Fund has been carried over to Next Financial Year.
	2015-16	300.00	97.63	202.37	
	2016-17	350.00	903.86	-553.86	Previous Year Fund has been Spent in the Current Year.
WCR	2014-15	1015.63	719.40	296.23	Shortage of Bio tanks.
	2015-16	0.00	1204.00	-1204.00	
	2016-17	2000.00	943.00	1057.00	Due to non-availability of Bio-tanks
WR	2014-15	100.00	81.12	18.88	Short supply of Bio tanks and other materials related to BIO-Toilets.
	2015-16	800.00	85.19	714.81	
	2016-17	800.00	751.43	48.57	
TOTAL	**2014-15**	**5057.63**	**1704.52**	**3353.12**	
	2015-16	**9430.00**	**6664.77**	**2765.24**	
	2016-17	**22111.00**	**10865.43**	**11245.57**	

Annexure 3 (Refer Para 2.4.2)

Details of retrofitment of bio-toilets during POH in Carriage Workshops (except NCR and SECR where there are no Carriage Workhsops)

Name of the ZR	Name of the Carriage Workshops	Year	Number of coaches POHed during the year	Target for		Achievement of		Number of coaches fitted with full complement of bio-toilets in POH during the year	Number of passenger coaches where bolted design bio-toilets were directly mounted during POH	Number of coaches in which dual mounting arrangement was fitted at the time of replacement of headstock during POH, but not fitted with bio-toilets as on 31st March	Number of coaches having dual mounting arrangement fitted with bio-toilets during POH in the year
				Coaches	Bio Toilets	Coaches	Bio Toilets				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*
CR	Matunga	2014-15	2183	0	0	44	86	0	4	6	0
		2015-16	2173	0	0	39	110	13	8	14	1
		2016-17	2197	0	0	246	908	229	197	3	27
ER	Liluah	2014-15	2581	0	0	58	210	48	0	18	31
		2015-16	2724	62	248	45	180	24	0	0	0
		2016-17	1642	0	0	191	729	185	13	10	11
	Kanchrapara	2014-15	506	0	0	0	0	0	0	0	0
		2015-16	544	0	0	7	13	0	7	0	0
		2016-17	541	0	0	41	164	29	29	0	0
ECR	Harnaut	2014-15	242	0	0	0	0	0	0	0	0
		2015-16	309	8	32	0	0	0	0	0	0
		2016-17	466	110	440	65	260	65	65	0	0
ECoR	Bhubaneshwar	2014-15	1364	0	0	26	56	0	0	0	0
		2015-16	1460	0	0	27	83	0	0	0	0
		2016-17	1356	236	945	242	968	242	167	0	0
NR	Alambagh & Jagadhari	2014-15	3040	125	500	0	0	0	0	0	0
		2015-16	3286	120	348	86	196	11	54	3	19
		2016-17	2969	271	284	258	859	227	109	12	128
NER	Izzatnagar	2014-15	324	1	1	0	0	0	0	0	0
		2015-16	414	25	71	25	71	16	14	0	3
		2016-17	429	105	420	26	104	26	0	0	44
	Gorakhpur	2014-15	1821	102	204	43	87	0	30	0	0
		2015-16	1958	160	640	58	175	0	0	0	0
		2016-17	1882	225	900	197	760	185	0	74	0
NFR	Dibrugarh Town & New Bongaigaon	2014-15	1355	0	0	0	0	0	0	0	0
		2015-16	1379	0	0	14	25	2	0	0	0
		2016-17	1459	750	3000	189	669	155	23	0	0
NWR	Ajmer & Jodhpur	2014-15	2384	87	0	44	89	3	18	0	28
		2015-16	2515	155	0	54	135	23	38	0	41
		2016-17	2520	0	4200	219	668	0	0	0	0
SR	Perambur, Chennai	2014-15	2141	0	0	18	72	18	0	0	0
		2015-16	2146	344	0	59	236	59	1	0	44
		2016-17	2056	462	1848	261	1023	588	261	0	82
	Golden Rock	2014-15	940	0	104	36	71	0	0	1	0
		2015-16	939	30	120	47	110	7	0	1	48
		2016-17	1023	205	820	169	672	177	160	3	8
	Perambur, loco workshop	2014-15	523	0	0	0	0	0	0	0	0
		2015-16	545	0	200	26	61	26	0	0	26
		2016-17	610	87	348	87	348	18	87	56	27

Annexure 3 (Refer Para 2.4.2)											
Details of retrofitment of bio-toilets during POH in Carriage Workshops (except NCR and SECR where there are no Carriage Workhsops)											
Name of the ZR	Name of the Carriage Workshops	Year	Number of coaches POHed during the year	Target for		Achievement of		Number of coaches fitted with full complement of bio-toilets in POH during the year	Number of passenger coaches where bolted design bio-toilets were directly mounted during POH	Number of coaches in which dual mounting arrangement was fitted at the time of replacement of headstock during POH, but not fitted with bio-toilets as on 31st March	Number of coaches having dual mounting arrangement fitted with bio-toilets during POH in the year
				Coaches	Bio Toilets	Coaches	Bio Toilets				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*
SCR	Tirupati & Lalaguda	2014-15	2239	0	400	29	74	7	4	21	25
		2015-16	2258	0	776	130	304	30	15	6	106
		2016-17	2812	0	6400	0	2122	584	355	0	137
SER	Kharagpur	2014-15	1656	99	396	0	0	0	0	0	17
		2015-16	1692	142	568	6	24	0	0	8	6
		2016-17	1642	219	878	98	383	94	87	0	11
SWR	Hubli & Ashokpuram, Mysuru	2014-15	1983	0	0	86	172	0	0	0	87
		2015-16	2015	58	232	122	242	0	2	0	122
		2016-17	1971	540	2160	568	2128	500	500	67	0
WR	Lower Parel & Bhavnagar	2014-15	2756	0	0	69	194	3	14	0	14
		2015-16	3147	195	780	29	72	1	17	0	17
		2016-17	2196	725	2900	142	321	142	0	0	0
WCR	Nishatpura, Bhopal	2014-15	18	0	0	0	0	0	0	0	0
		2015-16	10	0	0	0	0	0	0	0	0
		2016-17	14	0	0	0	0	0	0	0	0
TOTAL		**2014-15**	**28056**	**414**	**1605**	**453**	**1111**	**79**	**70**	**46**	**202**
		2015-16	**29514**	**1299**	**4015**	**774**	**2037**	**212**	**156**	**32**	**433**
		2016-17	**27785**	**3935**	**25543**	**2999**	**13086**	**3446**	**2053**	**225**	**475**
		Grand Total	**85355**	**5648**	**31163**	**4226**	**16234**	**3737**	**2279**	**303**	**1110**

Annexure 4 (Refer 4.1.1)

Statement showing details of defects/problems noticed in bio-toilets on arrival at Coaching Depots during 2016-17

Zonal Railways	Name of coaching depot	No. of trains being handled by Coaching depot	No. of trains fitted with bio-toilet	No. of total bio-toilets	No. of complaints/ deficiiency received /noticed from public /coaching depot	Type of complaints/deficiency/prblems/faced by public or noticed by coaching depot							
						Choking	Foul smell	Non-functional	Non-availability of dustbin	Non-availability of mugs	Others like ball valve failure, wire rope etc	Number of complaints/ instances per bio toilet	Number of choking instances per bio toilet
CR	Wadibunder	15	5	705	22521	2027	8421	1568	1560	0	8945	*31.94*	*2.88*
	Pune	14	13	852	2018	1216	599	172	0	0	31	*2.37*	*1.43*
ER	Sealdah	31	26	1304	8363	1070	82	313	3536	2795	567	*6.41*	*0.82*
	Sorting yard	14	14	1204	1756	601	95	887	NA	NA	173	*1.46*	*0.50*
ECoR	Vishakhapatnam	28	9	1129	166	71	14	0	0	0	81	*0.15*	*0.06*
	Puri	32	29	1299	444	300	40	0	26	0	78	*0.34*	*0.23*
ECR	Rajendranagar	12	12	402	1348	420	12	0	340	0	576	*3.35*	*1.04*
	Dhanbad	11	11	275	223	46	0	94	0	NA	83	*0.81*	*0.17*
NFR	Dibrugarh	10	9	318	429	302	0	97	0	0	30	*1.35*	*0.95*
	Guwahati	38	38	1920	2958	2870	11	0	0	0	77	*1.54*	*1.49*
NWR	Jaipur	19	17	717	5145	3334	0	0	1208	0	603	*7.18*	*4.65*
	Bikaner	9	9	478	0	0	0	0	0	0	0	*0.00*	*0.00*
NER	Lucknow	11	9	714	5793	948	NA	2161	1277	1407	NA	*8.11*	*1.33*
	Gorakhpur	37	37	2200	24495	4616	82	628	2732	15931	506	*11.13*	*2.10*
NR	New Delhi and Lucknow	35	23	1268	5815	3264	27	20	0	0	2504	*4.59*	*2.57*
SR	Basin Bridge	30	19	1302	10142	9744	0	0	85	0	313	*7.79*	*7.48*
	Rameswaram	4	4	590	16695	16695	0	0	0	0	0	*28.30*	*28.30*
SECR	Bilaspur	14	14	817	7952	1469	389	69	3601	2029	395	*9.73*	*1.80*
	Durg	12	12	268	1640	622	170	6	366	332	144	*6.12*	*2.32*
SER	Santragachi	86	14	1611	2741	704	0	225	0	0	1812	*1.70*	*0.44*
	Tata	13	13	453	1993	295	0	497	725	94	382	*4.40*	*0.65*
NCR	Allahabad	10	7	399	2275	1022	219	61	952	NA	21	*5.70*	*2.56*
	Gwalior	9	7	420	7041	1907	1907	89	974	NA	2164	*16.76*	*4.54*
WCR	Kota	10	10	898	1564	323	301	37	477	311	115	*1.74*	*0.36*
	Jabalpur	20	20	1078	5553	3894	287	1357	NA	NA	15	*5.15*	*3.61*
WR	Porbandar	14	14	846	6972	3000	18	862	2933	0	159	*8.24*	*3.55*
	Indore	18	18	553	8256	3701	3701	422	389	0	43	*14.93*	*6.69*
SWR	Yeshwantpur	23	18	642	4280	3490	0	663	0	0	127	*6.67*	*5.44*
	Bengaluru	34	22	418	41111	34841	0	1234	NA	NA	5036	*98.35*	*83.35*
Total		**613**	**453**	**25080**	**199689**	**102792**	**16375**	**11462**	**21181**	**22899**	**24980**	***7.96***	***4.10***