Annexure 1
Details of Sample

Name of State	River		Lake	Ground water
	Name of river/ town	Name of the project		
1. Andhra Pradesh	Godavari/ Rajamundry	1. STP	Banjara	Anantpur, Nalgonda, Vishakhapat-nam, Medak, Guntur and Khammam
	Godavari/ Ramagundam	2. STP Zone 1 3. I&D 4. STP, WSP, 14 mld 5. STP Zone 2		
	Musi/ Hyderabad	6. STP+I&D		
2. Assam	Sampled only for general issues in water pollution			Borkhola, Dhemaji, Jaleswar, Chandrapur, Mayang, Diphu
3. Bihar	Ganga/ Barahaya	1. LCS 2. RFD		Simri, Katoria, Barauni , Mushahari, Maner, Biraul
	Ganga/ Patna	3. RFD 4. Diesel Crematoria 5. RFD 6. RFD		
4. Chhattis-garh	Sampled only for general issues in water pollution			Chowki, Korba, Kartala, Bagicha, Baikunthpur, Bastar
5. Delhi	Yamuna/ Delhi	1. STP Sen Nursing Home 2. STP Delhi Gate Nala 3. EC 4. STP 3 mld FAB technology 5. STP 3 mld SAFF technology 6. STP 2 mld SAFF technology 7. LCS 8. 2 mld disinfection plant at Sen Nursing Home 9. Public Participation and		Gandhinagar, Model Town, Anand Parvat, Wazirpur, Defence Colony and Rajouri Garden

		Awareness 10. STP 135 mld	
6. Goa	Mandovi/ Panaji	1. I&D 2. STP Plan 12.50 mld 3. STP renovation and re-modeling 4. LCS	Ponda, Bardez and Salcette
7. Gujarat	Ahmedabad/ Sabarmati	1. I&D De-silting of sewer 2. I&D WTS Zone V Part I 3. I&D ETS Zone IV Pt I including of sewer cleaning equipment 4. STP 5. Renovation of 3 STP 6. Western Trunk Sewer Zone 5 Part II 7. LCS 8. STP at Pirana 106 mld 9. STP at Vasna 126 mld	Himatnagar, Godhra, Chotila, Ankleshwar, Sanand and Veraval
8. Haryana	Yamuna/ Faridabad	1. Pilot Plant at 20 mld STP Zone I 2. LCS 3. I&D 4. Sewer Lines Phase—II/Stage II 5. Public Participation and Awareness for 6 towns	Meham, Karnal, Kathura, Faridabad, Panipat and Nathusri-chopta
	Yamuna/ Panipat	6. LCS 7. I&D 8. Drying Beds 9. Sewer Lines Phase II/Stage II 10. Additional Sewerage Works	
9. Himachal Pradesh	Sampled only for general issues in water pollution and for monitoring of ground water resources in blocks of Jassur, Mandi, Baddi, Paonta Sahib, Una, and Shimla.		
10. Jammu and Kashmir			Dal Lake
11. Jharkhand	Subarnarekha/ Jamshedpur	1. CRE (EC+IWB) 2. LCS 3. RFD	Chainpur, Chas, Jamshedpur,

	Subarnarekha/ Ranchi	4. RFD		Lohardaga Sadar, Mandu, and Ormanjhi
12. Karnataka	Bhadra/ Bhadravati	1. I&D	Bellandur, Kotekere, Sharanabasa veshwara lake	Kolar, Gulbarga, Mangalore, Bhadravati, Belgaum block, and Davanagere
	Tungabhadra/ Devanagare	2. STPs based on WSP		
	Pennar/ Bangalore	3. I&D Environment Action Plan		
13. Kerala	Pamba/ Pamba	1. I&D 2. STP 3. RFD 4. LCS 5. SWM 6. Public participation	Veli Akkulam	Alathur, Attappady, Alangad, Edappally, Palakkad and Malampuzha
14. Madhya Pradesh	Khan/ Indore	1. MPS 2. I&D Part II 3. STP	Shivpuri Lake	Indore, Pithampur, Jabalpur, Ratlam, Khargone, Jhabua
	Betwa/ Vidisha	4. I&D 5. STP		
	Kshipra/ Ujjain	6. I&D 7. STP 8. I&D Part II		
15. Maharash-tra	Krishna/ Karad	1. STP 2. I&D	Powai and Rankala lake	Nanded, Jalna, Dombivali, Nashik, Raigad, and Jalgaon
	Godavari/ Nashik	3. I&D 4. STP 78 mld at Tapovan 5. STP 22 mld at Chehdi		
	Krishna/ Sangli	6. I&D 7. STP		
	Godavari/Nanded	8. I&D 9. STP		
16. Nagaland			Twin lake	None sampled
17. Odisha	Mahanadi/ Cuttack	1. I&D Part II 2. STP 3. I&D 4. LCS	Bindusagar lake	None sampled
	Coastal area/ Puri	5. I&D 6. MPS 7. STP		
18. Punjab	Satluj/ Jallandhar	1. STP 2. MPS at Garha		Kot kapura, Ludhiana, Bhikhi, Maur, Abohar and Jallandhar
	Satluj/ Ludhiana	3. STP at Bhattian 4. MPS 5. MPS Baloke 6. MPS at Jamalpur		

		7. STP Baloke 8. STP at Jamalpur		
19. Rajasthan	Chambal/ Kota	1. STP 30 & 6 mld and I&D 2. LCS 3. RFD 4. Improved Wood Crematoria	Mansagar Pushkar Pichola	Udaipur, Jalore, Jaipur, Pali and Tonk
20. Sikkim	Rani Chu/ Gangtok	1. Sewerage and STP 2. Rehabilitation of Main Sewer Line		None sampled
21. Tamil Nadu	Adyar & Cooum/ Chennai	1. STP at Koymbedu 60 mld 2. STP at Koymbedu 110 mld 3. STP at Perungundi 54 mld Package 13 4. STP at Nesapakkam 40 mld, Package 15 5. I&D Package VII 6. I&D Package VIII	Kodaikanal	Manali, Cuddalore, Krishnagari, Dharmapuri, Perambalur and Vellore
	Cauvery/ Tiruchirappalli	7. I&D and STP		
	Vaigai/ Madurai	8. I&D Part I 9. I&D Part II 10. I&D Phase IV 11. STP Phase II		
22. Tripura			Dimsagar, Laxmina-rayanbari and Durgabari	None sampled
23. Uttar Pradesh	Yamuna/ Ghaziabad	1. STP Cis Hindon Area 70 mld 2. STP trans Hindon Area 3. I&D 4. LCS	Mansi Ganga	Isha Nagar, Reoti , Bisrakh, Rajapur, Hilauli, and Kannauj
	Ganga/ Kanpur	5. Intermediate Pumping Station Munsi Purwa PIII 6. Intermediate Pumping Station at Rakhi Mandi PIV 7. Relieving sewer for Bakermandi to Rakhimandi 8. MPS and Campus development		

		9. SWM Part II 10. Tapping of Ganda Nala and Halwa Khanda Nala and dive		
	Gomti/ Lucknow	11. STP of 42 mld at Daulatganj 12. I&D of GH Canal Drain 13. STP USAB 14. MPS at Gwari Culvert		
24. Uttara-khand	Ganga/ Haridwar-Rishikesh	1. I&D and STP works at Lakhshman Jhula and Swarg Ashram 2. STP at Bhopatwala 3. Enhancement of capacity & replacement Gravity Main 4. Enhancement of STP at Jagieetpur at Harid	Nainital lake	Bhagwanpur, Purola, Bhimtal, Sahaspur, Rudrapur, and Syaldeh
	Ganga/ Srinagar	5. I&D Part I 6. STP 3.50 mld		
	Ganga/ Uttarkashi	7. STP Part I 8. I&D Part II 9. I&D Part II		
25. West Bengal	Ganga/ Barrakpore	1. RFD at Kolkata 2. Crematoria at Shantipur 3. MPS I 4. I&D 5. RFD at Kamarahati	Ravindra Sarovar, Mirik	Manikchak, Siuri-II, Haldia, Syaldeh, Falakata and Dantan-I
	Ganga/ Gayeshpur, Halilshar & Kancharapara	6. MPS 7. Lifting Station I Southern Side 8. Lifting Station I Southern Part		
	Mahananda/ Siliguri	9. I&D, MPS, STP, RFD and STP at Kolkata 10. RFD at Siliguri		

Annexure 2
Completed projects not utilised

Sl. No.	Name of the Project	Date of completion	Actual expenditure (₹ in crore)	Remarks
1.	STP Zone 1 on Godavari/ Ramagundam, **Andhra Pradesh**	June 2008	0.16	Though the STP capacity was 4 mld, only 1 mld was being treated and the rest 3 mld was flowing into Godavari. The pump sets were not working which hampered the operation of the STP.
2.	STP Zone 2 on Godavari/ Ramagundam, **Andhra Pradesh**	January 2005	0.82	Though the STP was constructed to treat 14 mld of sewage, it was treating only 3.5 mld and the rest 10.5 mld was flowing untreated into the Godavari. The pump sets were not working which hampered the operation of the STP.
3.	RFD, Barahiya on Ganga in **Bihar**	July 2002	0.28	The facility was handed over by the implementing agency to the local body for operation and maintenance. But, both the ghats (Vijaygharh ghat & Sojikipari) constructed, are not existing as the course of Ganga has shifted from the purported sites and both the ghats were completely destroyed and non existing due to erosion.
4.	RFD, Patna on Ganga in **Bihar**	April 2003	0.65	The River Ganga has shifted from Kurjee Ghat, Rajendra Ghat and Indira Ghat and these ghats are defunct. Collectorate Ghat and Narkat Ghat, where Ganga is flowing are not maintained by Patna Municipal Corporation and thus are in deplorable condition. Mahavir ghat, which was constructed under this project was also destroyed.
5.	RFD, Danapur on Ganga in **Bihar**	May 2007	0.29	RFD is now completely defunct. Electric poles have been uprooted and electric lamps are broken, stair cases have been buried under thick layer of sand/mud and change room was found in dire state, Also this project was not handed over to Danapur Cantonment Board (local body).
6.	STP, **Delhi**	March 2003	1.28	The plant is shut down since 2007 and all the sewage is passing to Yamuna through drain/nallah without treatment.
7.	LCS at **Delhi**	February 2003	1.65	Out of 1146 Nos. of Community Toilet Complexes (CTCs) to be constructed under the project, only 959 CTCs were constructed. Of which, status of only 471 CTCs are functional as of February 2011. Reasons are:- some LCS Units were encroached, some were lying abandoned and some were completely demolished.
8.	Disinfection plant at Sen Nursing Home STP, **Delhi**	March 2002	0.45	The plant is non-functional.

9.	Pilot Plant of 20 mld STP Zone 1, Yamuna/ **Faridabad, Haryana**	Commissioned in March 2002 and stabilized in March 2003	1.04	It was scheduled to be completed in March 2002 and commissioned in March 2002. However, it could be stabilized only in March 2003. Even though the STP was to treat 20 mld of sewage, it was treating only 14 mld and the rest 6 mld was flowing into the river.
10.	STPs based on WSP, Devanagare, **Karnataka**	November 2005	1.86	STP of capacity 19.45 mld was constructed but it is not functioning at all due to non-maintenance by CC, Devanagare.
11.	STP , Khan, Indore, **Madhya Pradesh**	April 2008	26.82	STP capacity created under the project was 90 mld but it was observed that 50 mld of untreated sewage was flowing into the river Khan.
12.	STP, Nanded, **Maharashtra**	June 2006	2.44	STP was commissioned in June 2006. However, it was not taken over by Municipal Corporation and made operational. Moreover, the STP including stabilisation pond, inlet outlet arrangement, canal work were demolished and dismantled by the Municipal Corporation for a new STP at the same site with the fund from JNNURM.
13.	I&D, Nanded, **Maharashtra**	June 2006	9.92	The STP at Nanded was dismantled and demolished and hence, the I&D work is not put to use for its intended purpose.
14.	LCS at Ahmedabad, **Gujarat**	September 2001	0.73	34 LCS Units were constructed under NRCP. However, only 28 LCS Units are actually functioning now.
15.	100 mld STP at Pholriwal (Jalandhar), **Punjab**	March 2008	29.14	STP was treating only 82 mld of sewage against created capacity of 100 mld despite the fact that the MPS received sewage 125 mld and the balance was discharged into the drain without any treatment.
16.	I&D Part I, Madurai, **Tamil Nadu**	July 2005	46.65	The work of STP Phase III was dropped under NRCD due to non identification of huge land for STP and was taken up by the Corporation under JNNURM. As a result, the infrastructure created for I&D projects (I&D Phase Part I and Part II) under NRCD at a cost of ₹116.89 crore were being kept idle for want of completion and commissioning of STP.
17.	I&D Part II, Vagai/Madurai, **Tamil Nadu**	February 2010	70.24	
18.	STP part-I (Bhagirathi), Uttarkashi on Ganga in **Uttarakhand**	March 2010	0.88	STP of capacity 0.25 was constructed. However, it was not functional due to sewer line not being connected.
19.	I&D Part-I (Bhagirathi), Uttarkashi on Ganga in **Uttarakhand**	September 2009	4.98	The asset (of capacity 4000 lpm) created is not being used due to non-completion of STP-II in the town for which tender process was completed only in December 2010.
20.	I&D Part-II (Bhagirathi), Uttarkashi on	December 2009	1.85	The asset (of capacity 2400 lpm) created is not being used due to non-completion of STP-II in the town for which tender process was completed

	Ganga in **Uttarakhand**			only in December 2010.
21.	STP Cis Hindon Area, Yamuna/ Ghaziabad, **UP**	November 2002	18.63	The STP was not functioning as per prescribed standards of SPCB as a result of which the entire untreated sewage was directly discharged into river Yamuna/Hindon. Further, it was envisaged in the DPR that electricity would be generated from biogas from the STP. However, this was also not happening due to non-functioning of gas holder, gas scrubbing system and power generation units of the plant.
22.	STP Trans Hindon Area, Yamuna/ Ghaziabad, **UP**	November 2002	15.12	The STP was not functioning as per prescribed standards of SPCB as a result of which the entire untreated sewage was directly discharged into river Yamuna/Hindon. Further, it was envisaged in the DPR that electricity would be generated from biogas from the STP. However, this was also not happening due to non-functioning of gas holder, gas scrubbing system and power generation units of the plant.
23.	MPS-I at Barrackpore, **West Bengal**	August 2009	1.64	The MPS-I was completed August 2009 at a cost of ₹ 1.64 crore but could not be utilized due to non completion of the related interlinked works.
24.	MPS- II, Halisahar on Ganga in **West Bengal**	June 2009	3.12	The construction of the project was completed in June 2009 but was yet to be commissioned and handed over to the concerned municipality.
25.	Lifting Station –I Southern part, Halisahar on Ganga in **West Bengal**	April 2009	1.83	The construction of the project was completed in April 2009 but was yet to be commissioned and handed over to the concerned municipality.
26.	Lifting Station –I (I&D sewer) Southern side, Halisahar on Ganga in **West Bengal**	March 2004	1.52	The construction of the project was completed in 2009 but was yet to be commissioned and handed over to the concerned municipality.
27.	RFD at Kamarhati, **West Bengal**	September 2009	2.46	The work was completed in September 2009. As per Administrative Approval, O&M was the responsibility of the implementing agency i.e., Kolkata Metropolitan Development Authority (KMDA) and cost of annual O&M (₹ 4.33 lakh) was to be borne by Dakhineswar Kali Temple and Debottar Trust. The created asset has been handed over to the Dakshineswar Kali Temple Trust. However, the Trust did not release any fund for O&M and in absence of required fund, Kolkata Metropolitan Development Authority did not maintained the created assets.
28.	RFD, Kolkata, **West Bengal**	November 2009	4.81	Under Kolkata RFD project, 1 ladies and 1 gents toilet blocks were to be constructed in each of the 7 ghats. As per sanction letter of the project, annual O&M cost was estimated to ₹11.09 lakh.

				Of which, an amount of ₹ 7.56 lakh was to be generated from usage of toilets to be constructed under the project and rest was to be borne by State Government. Though the project was completed in November 2009, operation and maintenance of the created assets was not started on the plea (of KMDA) that the project was not commissioned yet. During joint inspection in February 2011, it was found that none of those toilets were being utilized as source of resource generation by way of making provision for "Pay and Use", though people were found to be using the same.
		Total actual expenditure	**251.27**	

Annexure 3
List of projects where there was cost overrun

Name of State	Name of river/ town	Name of project	Sanctioned cost (in ₹ crore)	Expenditure (in ₹ crore)	Cost overrun (in ₹ crore)
1. Delhi	Yamuna/ Delhi	Electric Crematoria	1.45 revised to 1.78	1.78	0.33
2. Delhi	Yamuna/ Delhi	STP 3 mld FAB technology	1.78	1.83	0.05
3. Delhi	Yamuna/ Delhi	STP 3 mld SAFF technology	1.86	1.93	0.07
4. Delhi	Yamuna/ Delhi	LCS	1.49	1.65	0.16
5. Delhi	Yamuna/ Delhi	2 mld disinfection plant at Sen Nursing Home	0.42	0.45	0.03
6. Delhi	Yamuna/ Delhi	STP 135 mld	65.03	79.54	14.51
7. Goa	Mandovi/ Panaji	I& D	14.10	14.47	0.37
8. Goa	Mandovi/ Panaji	STP Plan 12.50 mld			
9. Goa	Mandovi/ Panaji	STP renovation & remodelling			
10. Goa	Mandovi/ Panaji	LCS			
11. Gujarat	Sabarmati/ Ahmedabad	I&D WTS Zone V Part I	1.68	1.85	0.17
12. Gujarat	Sabarmati/ Ahmedabad	Western Trunk Sewer Zone 5 Part II	12.91	14.82	1.91
13. Haryana	Yamuna/ Faridabad	Sewer Lines Phase—II/ Stage II	8.33	9.29	0.96
14. Haryana	Yamuna at Panipat	I&D	1.43	1.44	0.01
15. Karnataka	Bhadra/ Bhadravati	I&D	1.30 revised to 1.91	2.29	0.99
16. Karnataka	Pennar/ Bangalore	I&D Environmental Action Plan	46.27	47.20	0.93
17. Kerala	Pamba / Sabarimala	Public participation	0.25	0.27	0.02
18. Kerala	Pamba & Sabarimala	RFD	0.43	1.39	0.96
19. Madhya Pradesh	Khan/ Indore	MPS	4.33	4.69	0.36
20. Madhya Pradesh	Khan/ Indore	I&D Part II	2.53	2.84	0.31
21. Madhya Pradesh	Kshipra/ Ujjain	STP	2.78	2.87	0.09
22. Madhya Pradesh	Kshipra/ Ujjain	I&D Part II	4.8	5.06	0.26
23. Maharashtra	Krishna/ Karad	STP	0.55	0.86	0.31
24. Maharashtra	Godavari/ Nashik	STP 78 mld at Tapovan	20.82	20.90	0.08
25. Maharashtra	Krishna/ Sangli	STP	2.96 revised to 4.49	4.23	1.27
26. Maharashtra	Godavari/ Nanded	I&D	6.50 revised to 9.95	9.92	3.42
27. Odisha	Mahanadi/ Cuttack	I&D Part II	1.20	1.40	0.20
28. Odisha	Mahanadi/ Cuttack	STP	3.51	3.65	0.14
29. Odisha	Mahanadi/ Cuttack	LCS	0.13	0.18	0.05
30. Punjab	Sutlej/ Jallandhar	100 mld STP at Pholriwal (Jalandhar)	22.84	29.14	6.30
31. Punjab	Satluj/ Ludhiana	111 mld STP at Bhattian	34.85	37.59	2.74

32. Punjab	Satluj/ Ludhiana	MPS Baloke	14.92	15.27	0.35
33. Punjab	Satluj/ Ludhiana	152 mld STP at Balloke (Ludhiana)	34.79	42.67	7.88
34. Punjab	Satluj/ Ludhiana	48 mld STP at Jamalpur	13.46	14.56	1.10
35. Rajasthan	Chambal/ Kota	RFD	0.07	0.13	0.06
36. Sikkim	Rani-Chu/ Gangtok	Sewerage and STP	15.81 revised to 17.17	17.12	1.31
37. Tamil Nadu	Adyar & Cooum/ Chennai	STP at Kodungaiyur 110 mld	41.56	45.96	4.40
38. Tamil Nadu	Vaigai/ Madurai	I&D Part I	42.53	46.65	4.12
39. Tamil Nadu	Vaigai/ Madurai	I&D Phase IV	7.32	9.66	2.34
40. Uttarakhand	Ganga/ Haridwar-Rishikesh	Enhancement of capacity & replacement Gravity Main	11.70	11.73	0.03
41. Uttarakhand	Ganga/ Srinagar	STP 3.50 mld (Alaknanda)	1.61	3.5	1.89
42. Uttarakhand	Ganga/ Uttarkashi	I&D Part I (Bhagirathi)	3.67	4.98	1.31
43. Uttarakhand	Ganga/ Uttarkashi	I&D Part II (Bhagirathi)	1.18	1.85	0.67
44. Uttar Pradesh	Yamuna/ Ghaziabad	STP Cis Hindon Area	16.60 revised to 17.78	18.63	2.03
45. Uttar Pradesh	Yamuna at Ghaziabad	STP trans Hindon Area	15.11	15.12	0.01
46. Uttar Pradesh	Ganga at Kanpur	Intermediate Pumping Station Munsi Punwa P-III	7.96 revised to 12.71	9.15	1.19
47. Uttar Pradesh	Ganga at Kanpur	Intermediate Pumping Station at Rakhimandi	9.38 revised to 18.74	15.19	5.81
48. Uttar Pradesh	Ganga/ Kanpur	Relieving sewer for Bakermandi to Rakhimandi	5.90 revised to 10.81	14.85	8.95
49. Uttar Pradesh	Ganga/ Kanpur	I&D of Ganda Nala and Halwa Khanda at Pandu Ganga	10.50 revised to 15.21	13.89	3.39
50. Uttar Pradesh	Gomti/ Lucknow	STP at Daulatgang	14.05	14.60	0.55
51. Uttar Pradesh	Gomti/ Lucknow	STP USAB	104.22 revised to 169.71	138.81	34.59
52. Uttar Pradesh	Gomti/ Lucknow	MPS at Gwari Culvert	30.10 revised to 53.10	39.98	9.88
53. West Bengal	Ganga/ Barrakpore	Crematoria at Shantipur	0.83	1.15	0.32
54. West Bengal	Ganga/ Gayeshpur, Halilshar & Kancharapara	Lifting Station I Southern Part, Halishar,Kanchrapara,Gayeshpur	1.82	1.83	0.01
		Total	**671.62**	**800.81**	**129.19**

Annexure 4
Project-wise break-up of monitoring of rivers and lakes by different agencies in test checked projects

State	Number of river projects test checked	Review of progress by Chief Executive of nodal agency	Review of progress by DPMC**	Review of progress by State Steering Committee	Review of progress by High-Powered Committee under Chairman-ship of CM	Number of lake projects test checked	Review of progress by Inter-Departmental Coordination Committee	Review of progress by Steering Committee at district level	Review of progress by Lake-specific Monitoring Committee	Water quality monitoring plan prepared by State Govt.	Pesticides monitoring by Lake-specific Monitoring Committee	Conservation plan by Lake-specific Monitoring Committee
		Required for river projects under NRCP					Required for lakes projects under NLCP					
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
Andhra Pradesh	6	1 out of 6	1 out of 6	0 out of 6	0 out of 6	1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	1 out of 1
Bihar	6	5 out of 6	0 out of 6	0 out of 6	0 out of 6	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Delhi	10	No information for all 10 projects	No information for all 10 projects	No information for all 10 projects	No information for all 10 projects	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Goa	4	1 out of 4	0 out of 4	0 out of 4	0 out of 4	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Gujarat	9	9 out of 9	0 out of 9 Projects	0 out of 9 Projects	0 out of 9 Projects	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Haryana	10	No information for all 10 projects	No information for all 10 projects	0 out of 10	0 out of 10	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Jammu and Kashmir	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1
Jharkhand	4	0 out of 4	0 out of 4	0 out of 4	0 out of 4	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Karnataka	3	2 out of 3	0 out of 3	0 out of 3	0 out of 3	3	0 out of 3	0 out of 3	0 out of 3	0 out of 3	0 out of 3	0 out of 3
Kerala	6	0 out of 6	0 out of 6	0 out of 6	0 out of 6	1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1
Madhya Pradesh	8	8 out of 8	8 out of 8	8 out of 8	8 out of 8	1	1 out of 1	1 out of 1	1 out of 1	1 out of 1	0 out of 1	0 out of 1
Maharashtra	9	0 out of 9	0 out of 9	0 out of 9	0 out of 9	2	0 out of 2	1 out of 2	2 out of 2	0 out of 2	0 out of 2	0 out of 2
Nagaland	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1
Odisha	7	0 out of 7	0 out of 7	0 out of 7	3 out of 7	1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1
Punjab	8	0 out of 8	0 out of 8	8 out of 8	8 out of 8	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Rajasthan	4	1 out of 4	0 out of 4	1 out of 4	0 out of 4	3	3 out of 3	3 out of 3	3 out of 3	0 out of 3	0 out of 3	0 out of 3
Sikkim	2	2 out of 2	0 out of 2	2 out of 2	0 out of 2	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*
Tamil Nadu	11	11 out of 11	1 out of 11	0 out of 11	0 out of 11	1	0 out of 1	0 out of 1	0 out of 1	1 out of 1	0 out of 1	0 out of 1
Tripura	Nil	Not Applicable*	Not Applicable*	Not Applicable*	Not Applicable*	3	1 out of 3	0 out of 3	0 out of 3	0 out of 3	0 out of 3	0 out of 3
Uttar Pradesh	14	0 out of 14	0 out of 14	0 out of 14	0 out of 14	1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1	0 out of 1
Uttarakhand	9	8 out of 9	8 out of 9	8 out of 9	0 out of 9	1	1 out of 1	1 out of 1	1 out of 1	1 out of 1	0 out of 1	1 out of 1
West Bengal	10	8 out of 10	0 out of 10	0 out of 10	0 out of 10	2	2 out of 2	0 out of 2	1 out of 2	0 out of 2	0 out of 2	0 out of 2

* Not Applicable as no project were test checked in audit

Annexure 5
Comparison of amount sanctioned, released and spent on select NRCP projects

₹ in crore

Sl. No	Name of the State	Number of Project		Cost of Project Sanctioned		Total funds released by NRCD	Expenditure incurred by State (including State share)	
		Total	Project test checked	Total	Project test checked		Total	Sampled
1.	Andhra Pradesh	25	6[38]	367.51	351.54	259.80	342.48	294.91
2.	Bihar	18	6	3.95	2.17	3.15	2.98*	1.47
3.	Delhi	23	10	650.00	89.77	335.48	271.65*	101.42
4.	Goa	5	4	14.10	14.10	9.26	13.50	14.47
5.	Gujarat	13	9	101.96	96.15	89.66	95.08	88.89
6.	Haryana	127	10	305.63	24.73	227.61	304.50	24.89
7.	Jharkhand	15	4	4.38	2.20	4.45	1.59*	0.74
8.	Karnataka	42	3	66.25	50.54	46.87	53.59	51.35
9.	Kerala	6	6	18.45	18.45	2.78	1.47*	3.26
10.	Madhya Pradesh	69	8	115.38	52.32	79.00	75.14*	52.32
11.	Maharashtra	31	9	192.60	100.74	111.90	106.93*	96.22
12.	Nagaland	6	0	31.75	0	4.50	0.00*	0
13.	Odisha	22	7	92.74	81.01	56.41	51.23*	56.35
14.	Punjab	60	8	215.68	141.52	183.05	295.91	158.75
15.	Rajasthan	8	4	150.95	150.23	21.12	0.77*	25.94
16.	Sikkim	6	2	114.31	25.16	33.32	28.38*	23.05
17.	Tamil Nadu	83	11	915.93	408.01	623.65	867.86	389.51
18.	Uttar Pradesh	257	14	914.66	404.08	679.11	854.81	331.56
19.	Uttarakhand	44	9	70.62	48.34	31.38	50.66	44.82
20.	West Bengal	219	10	377.39	56.60	239.41	249.02	45.55
	Total	1079	**140**	4724.24	2117.66	3041.91	3667.55	1805.47

[38] 5 projects on Godavari rivers and 1 project on Musi river which contain 30 indiavidual sub-projects.

Annexure 6
Comparison of amount sanctioned, released and spent on select NLCP projects

(₹ in crore)

Sl. No.	Name of State	Projects for number of lakes		Cost of projects sanctioned		Total Funds released under NLCP	Expenditure incurred by State (including State share)
		Total	Test-checked	Total	Test-checked		
1.	**Andhra Pradesh**	1	1	4.30	4.30	0.82	0.18
2.	**Jammu & Kashmir**	1	1	298.76	298.76	143.55	154.18
3.	**Karnataka**	16	3	69.14	16.07	33.09	11.85
4.	**Kerala**	1	1	24.56	24.56	4.30	Not available
5.	**Madhya Pradesh**	4	1	76.64	51.99	14.13	1.79
6.	**Maharashtra**	14	2	28.57	15.27	15.02	6.71
7.	**Nagaland**	1	1	25.83	25.83	5.81	6.46
8.	**Odisha**	1	1	3.36	3.36	2.21	1.21
9.	**Rajasthan**	5	3	214.97	157.83	46.60	55.70
10.	**Tamil Nadu**	2	1	12.37	10.42	3.73	2.22
11.	**Tripura**	3	3	2.02	2.02	0.50	0.43
12.	**Uttarakhand**	5	1	64.82	47.97	39.62	47.97
13.	**Uttar Pradesh**	1	1	22.71	22.71	9.22	16.37
14.	**West Bengal**	3	2	35.91	10.97	9.11	4.46
	Total	58	**22**	883.96	**692.06**	327.71	**309.53**

Glossary	
Acronyms and technical terms	Expansion of acronyms and Definition of technical terms
CGWB	Central Ground Water Board
CPCB	Central Pollution Control Board
Cr.	Crematoria
DPR	Detailed Project Report
FAB	Fluidized Aerated Bed
I&D	Interception and Diversion
JNNURM	Jawaharlal Nehru National Urban Renewable Mission
LCS	Low Cost Sanitation
mld	Million liters per day (a measure of water quantity).
MoEF	Ministry of Environment and Forests
MoUD	Ministry of Urban Development
MoWR	Ministry of Water Resources
MPS	Main Pumping Station
NGRBA	National Ganga River Basin Authority
NLCP	National Lake Conservation Plan
NRCD	National River Conservation Directorate
NRCP	National River Conservation Plan
O&M	Operation and Maintenance
RFD	River Front Development
SPCB	State Pollution Control Board
STP	Sewage Treatment Plant
SWM	Solid Waste Management
UIDSSMT	Urban Infrastructure Development Scheme for small and Medium Towns
UNEP	United Nations Environment Programme
WQAA	Water quality Assessment Authority
WQRC	Water Quality Review Committee
Baseline stations	An essential part of water quality monitoring systems, baseline stations are established in areas away from human influence, these give data for comparison purposes.
Basin approach	River and lake basins are dynamic over space and time and any single management intervention has implications for the system as a whole. Increasingly, human activities are impacting the ecological integrity of lakes. Basin approach is a way of thinking that assists Basin managers and stakeholders in achieving sustainable management of rivers and lakes and their basins. It takes into account that rivers and lakes have a great variety of resource values whose sustainable development and use require special management considerations for their static water properties.

BOD	BOD is a chemical procedure for determining the uptake rate of dissolved oxygen by the biological organisms in a body of water and is widely used as an indication of the quality of water.
Bio-indicators	Biological monitoring goes beyond the conventional measures of water quality to address questions of ecosystem function and integrity. It involves the measurement of species or a group of species like invertebrates whose population is used to determine environmental integrity
DDFU	Domestic Deflouridation Unit
DO	DO is a relative measure of the amount of oxygen that is dissolved or carried in the water body. Adequate dissolved oxygen is needed and necessary for good water quality.
Flux/Impact stations	An essential part of water quality monitoring systems , flux stations determine fluctuations of critical pollutants from river basin to ocean or regional sea.
Keystone species	A keystone species is a species so critical to an ecosystem that its removal could potentially destroy the entire system. The concept of keystone species has become an important issue in conservation today as the loss or decline of keystone species may have far-reaching consequences for the structure and functioning of the eco-systems in which they live
MINARS	Monitoring of Indian National Aquatic Resources (MINARs) programme established by CPCB
Non-Point source pollution	It occurs when pollutants are delivered indirectly through transport or environmental change. Non-point sources are much more difficult to monitor and control. Today they account for the majority of contaminants in ground water, streams and lakes.
Point source pollution	It occurs when harmful substances are emitted directly into a body of water. Point source pollution is easier to monitor and regulate.
TC	Total Coliform which is an indicator of presence of fecal matter in water.
Trend stations	An essential part of water quality monitoring systems, the purpose of trend stations is to test for long-term changes in water quality and identify trends of pollution.
UASB	Upflow Anaerobic Sludge Blanket, a technology for treatment of effluents from sewage treatment plants.