PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT

ROUND 2

GENERAL INFORMATION

S.No	Description of data elements	Unit	2008-09	2009-10	2010-11
	Demographics				
1	Population (Census 2001)	Persons		0	0
2	Decadal Growth Rate of the City	%			
3	Population (Present Year)	Persons			
4	Number of Households (Census 2001)	Number		0	0
5	Number of Households (Present Year)	Number			
6	Family Size (Census 2001)	Persons	#DIV/0!	#DIV/0!	#DIV/0!
7	Family Size (Present Year)	Persons	#DIV/0!	#DIV/0!	#DIV/0!
8	Number of Slums (2001)	Number			
9	Number of Slums (Present Year)	Number			
10	Number of Slum Households (2001)	Number			
11	Number of Slum Households (Present Year)	Number			
12	Number of Properties (2001)	Number			
13	Number of Properties (Present Year)	Number			
14	Number of Election Wards (2001)	Number			
15	Number of Election Wards (Present Year)	Number			
16	Town/City Area (Census 2001)	sq.km		0	0
17	Present Town/City Area	sq.km			
18	Population Density (Present Year)	Number			
19	Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2001)	Number			
20	Number of Commercial and other establishments (offices, institutions, markets,Hotels and Restaurants)(Present Year)	Number			
	Service Provider Details - Water Supply				
21	Name of Town/City				
22	Class of Town/City				
23	**Name of the Department/Unit**				
24	Name of the Head of Department/Unit				
25	Designation of the Department Head				
26	Address				
27	Telephone Number				
28	Mobile Number				
29	Fax Number				
30	Email				
31	Website				
32	**Name of the Contact Person**				
33	Designation of the contact person				
34	Address				
35	Telephone Number				
36	Mobile Number				
37	Fax Number				
38	Email				
39	Website				

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT			
ROUND 2			
GENERAL INFORMATION			
	Service Provider Details - Sewerage and Drainage		
40	Name of Town/ City		
41	**Name of the Department/Unit**		
42	Name of the Head of Department/Unit		
43	Designation of the Department Head		
44	Address		
45	Telephone Number		
46	Mobile Number		
47	Fax Number		
48	Email		
49	Website		
50	**Name of the Contact Person**		
51	Designation of the contact person		
52	Address		
53	Telephone Number		
54	Mobile Number		
55	Fax Number		
56	Email ID		
57	Website		
	Service Provider Details - Solid Waste Management		
58	**Name of Town/Utility**		
59	**Name of the Head of the Department**		
60	Designation of the Head of the Department		
61	Address		
62	Telephone Number		
63	Mobile Number		
64	Fax Number		
65	Email ID		
66	Website		
67	**Name of the Contact Person**		
68	Designation of the Contact Person		
69	Address		
70	Telephone Number		
71	Mobile Number		
72	Fax Number		
73	Email ID		
74	Website		
	Slums		
	Service Provider Details		
	Name of the Contact Person for Information related to slums		
75	Designation		
76	Address		
77	Telephone Number		
78	Mobile Number		
79	Fax Number		
80	Email		
81	Website		

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT					
ROUND 2					
WATER SUPPLY					
S.No	Description of data elements	Unit	2008-09	2009-10	2010-11
	COVERAGE OF WATER SUPPLY CONNECTIONS	%	#DIV/0!	#DIV/0!	#DIV/0!
	Water Service Coverage - Number of Connections				
1	Domestic Connections (Metered Functional)	Number			
2	Domestic Connections (Metered Non-Functional)	Number			
3	Domestic Connections (Unmetered)	Number			
4	Domestic connections (Total)	Number	0	0	0
5	Bulk supply Apartments (Metered Functional)	Number			
6	Bulk supply Apartments (Metered Non-Functional)	Number			
7	Bulk supply Apartments (Unmetered)	Number			
8	Bulk supply Apartments (Total)	Number	0	0	0
9	Bulk supply Layouts/Societies (Metered Functional)	Number			
10	Bulk supply Layouts/Societies (Metered Non-Functional)	Number			
11	Bulk supply Layouts/societies (Unmetered)	Number			
12	Bulk supply Layouts/Societies (Total)	Number	0	0	0
13	Others - Specify (Metered Funtional)	Number			
14	Others - Specify (Metered Non-Functional)	Number			
15	Others - Specify (Unmetered)	Number			
16	Others - Specify (Total)	Number	0	0	0
17	Total Number of Water Supply Connections - Residential	Number	0	0	0
	Water Service Coverage - Households Served	Unit	2008-09	2009-10	2010-11
18	Households served by Domestic Connections	Number			
19	Households served by Bulk supply - Apartments	Number			
20	Households served by Bulk supply - Layouts/Societies	Number			
21	Total Households served with Water Supply	Number	0	0	0
	**Households served by own sources such as wells, handpumps shall not be included*				
	PER CAPITA SUPPLY OF WATER	LPCD	#DIV/0!	#DIV/0!	#DIV/0!
	Water Production Capacity	Unit	2008-09	2009-10	2010-11
22	Installed Capacity of Treatment Plants for Surface Water Sources	MLD			
23	Volume of water produced through Surface Water Sources	MLD			
24	Installed Capacity of Treatment Plants for Ground Water Sources	MLD			
25	Volume of water produced through Ground water (power pumps)	MLD			
26	Volume of water produced through any Other Sources	MLD			
27	Total Installed Capacity	MLD	0	0	0
28	Total Volume of water produced	MLD	0	0	0
	Water Consumption	Unit	2008-09	2009-10	2010-11
29	Volume of water billed from Domestic Connections	MLD			
30	Volume of water billed from Bulk supply Apartments	MLD			
31	Volume of water billed from Bulk supply Layouts/Societies	MLD			
32	Volume of water billed from Non domestic Connections	MLD			
33	Volume of water billed from Public taps	MLD			
34	Volume of water billed from any other sources	MLD			
35	Total Volume of water billed	MLD	0	0	0
36	Total Volume of water unbilled (free supplies to Public taps)	MLD			
37	Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD			
	EXTENT OF NON REVENUE WATER (NRW)	%	#DIV/0!	#DIV/0!	#DIV/0!
38	Total Volume of Water Produced	MLD	0.00	0.00	0.00
39	Total Volume of Water Billed	MLD	0.00	0.00	0.00
	EXTENT OF METERING OF WATER SUPPLY CONNECTIONS	%	#DIV/0!	#DIV/0!	#DIV/0!
40	Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number			
41	Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number			
42	Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number			
43	Non domestic incl. commercial/Indus/Instl. (Total)	Number	0	0	0
44	Public taps (Metered Functional)	Number			
45	Public taps (Metered Non-Functional)	Number			
46	Public taps (Unmetered)	Number			
47	Public Taps (Total)	Number	0	0	0
48	Total number of metered and functional connections (domestic, bulk supply, others)	Number	0	0	0
49	Total number of Water Supply Connections	Number	0	0	0
	CONTINUITY OF WATER SUPPLY	Hours per Day	0	0	0
	Water Supply Frequency	Unit	2008-09	2009-10	2010-11
50	Days of supply per month	Number			
51	Average duration of each supply	Hours			

	PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT				
	ROUND 2				
	WATER SUPPLY				
	EFFECIENCY OF REDRESSAL OF COMPLAINTS	%	#DIV/0!	#DIV/0!	#DIV/0!
	Consumer Services	***Unit***	***2008-09***	***2009-10***	***2010-11***
52	Complaints received during the year	Number			
53	Complaints resolved within 24 hours during the year	Number			
	QUALITY OF WATER SUPPLIED		#DIV/0!	#DIV/0!	#DIV/0!
	Treated Water Quality Surveilance	***Unit***	***2008-09***	***2009-10***	***2010-11***
54	**Residual Chlorine** - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number			
55	**Residual Chlorine** - No. of Samples taken at intermediate points (in a year)	Number			
56	**Residual Chlorine** - No. of Samples taken at consumer end (in a year)	Number			
57	Total Samples taken for Residual Chlorine tests (if location wise samples are not available)	Number			
58	Total Samples taken for Residual Chlorine tests	Number	0	0	0
59	Number of Samples Passed	Number			
60	**Physical/Chemical** - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number			
61	**Physical/Chemical** - No. of Samples taken at intermediate points (in a year)	Number			
62	**Physical/Chemical** - No. of Samples taken at consumer end (in a year)	Number			
63	Total Samples taken for Physical/Chemical tests (if location wise samples are not available)	Number			
64	Total Samples taken for Physical and Chemical tests	Number	0	0	0
65	Number of Samples Passed	Number			
66	**Bacteriological** - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number			
67	**Bacteriological** - No. of Samples taken at intermediate points (in a year)	Number			
68	**Bacteriological** - No. of Samples taken at consumer end (in a year)	Number			
69	Total Samples taken for Bacteriological tests (if location wise samples are not available)	Number			
70	Total Samples taken for Bacteriological tests	Number	0	0	0
71	Number of Samples Passed	Number			
72	Total Number of Samples taken for all types of tests	Number	0	0	0
73	Total Tests Passed	Number	0	0	0
	COST RECOVERY IN WATER SUPPLY SERVICES	%	#DIV/0!	#DIV/0!	#DIV/0!
	Financial Information - Operating Expenses	***Unit***	***2008-09***	***2009-10***	***2010-11***
73	Regular Staff and administration	Rs. Lakhs			
74	Outsourced/Contract Staff Costs	Rs. Lakhs			
75	Electricity Charges/Fuel Costs	Rs. Lakhs			
76	Chemical Costs	Rs. Lakhs			
77	Repairs/Maintenance Costs	Rs. Lakhs			
78	Bulk (Raw/Treated) Water Charges	Rs. Lakhs			
79	Other Costs	Rs. Lakhs			
80	Total Operating Expenditure	Rs. Lakhs	0.00	0.00	0.00
	Financial Information - Operating Revenues	***Unit***	***2008-09***	***2009-10***	***2010-11***
81	Arrears at the beginning of previous year (2009-10)	Rs. Lakhs			
82	Revenue demand from user charges	Rs. Lakhs			
83	Revenue demand from tax/cess - Water Service only	Rs. Lakhs			
84	Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs			
85	Total Revenue Demand for previous year	Rs. Lakhs	0.00	0.00	0.00
	COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES	%	#DIV/0!	#DIV/0!	#DIV/0!
		Unit	***2008-09***	***2009-10***	***2010-11***
86	Total Revenue Demand for previous year (from user charges, taxes etc)	Rs. Lakhs	0.00	0.00	0.00
87	Collection against arrears (2009-10)	Rs. Lakhs			
88	Collection against the current demand of previous year (2009-10)	Rs. Lakhs			
	Additional Information (Optional)				
	Staff Information	***Unit***	***2008-09***	***2009-10***	***2010-11***
89	Senior Management (Sanctioned)	Number			
90	Senior Management (Working)	Number			
91	Engineers (Sanctioned)	Number			
92	Engineers (Working)	Number			
93	Clerks/Accountants (Sanctioned)	Number			
94	Clerks/Accountants (Working)	Number			
95	Work Inspectors/Meter Readers (Sanctioned)	Number			
96	Work Inspectors/Meter Readers (Working)	Number			
97	Electricians/Fitters (Sanctioned)	Number			
98	Electricians/Fitters (Working)	Number			
99	Lines men/plumbers (Sanctioned)	Number			
100	Lines men/plumbers (Working)	Number			
101	Labourers (Sanctioned)	Number			
102	Labourers (Working)	Number			
103	Total (Sanctioned)	Number	0	0	0
104	Total (Working)	Number	0	0	0

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT					
ROUND 2					
SEWERAGE AND DRAINAGE					
S.No	Description of data elements	Unit	2008-09	2009-10	2010-11
	COVERAGE OF TOILETS	%	#DIV/0!	#DIV/0!	#DIV/0!
	Sanitation Coverage				
1	Total Number of Properties in the City	Number	0	0	0
2	Properties with toilets	Number			
3	Households dependent on functional community toilets	Number			
4	Total Number of Properties with access to toilets	Number	0	0	0
	COVERAGE OF SEWAGE NETWORK SERVICES	%	#DIV/0!	#DIV/0!	#DIV/0!
5	Total Number of Properties in the City	Number	0	0	0
6	Properties with sewer connections	Number			
7	Properties with onsite sanitary disposal	Number	0	0	0
	COLLECTION EFFICIENCY OF SEWAGE NETWORK	%	#DIV/0!	#DIV/0!	#DIV/0!
	Waste Water Production - Volume of Water Consumed and Waste Water Generated	**Unit**	**2008-09**	**2009-10**	**2010-11**
8	Volume of water consumed and billed from Domestic Connections	MLD	0.0	0.0	0.0
9	Volume of water consumed and billed from Bulk supply - Apartments	MLD	0.0	0.0	0.0
10	Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	0.0	0.0	0.0
11	Volume of water consumed and billed from Non domestic Connections	MLD	0.0	0.0	0.0
12	Volume of water consumed (both billed and unbilled) from Public taps	MLD	0.0	0.0	0.0
13	Volume of water from free supplies (other connections)	MLD	0.0	0.0	0.0
14	Volume of water consumed and billed from any other ULB sources	MLD	0.0	0.0	0.0
15	Volume of water consumed from any Non ULB water sources	MLD			
16	Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	0.0	0.0	0.0
17	Volume of waste water generated from Domestic Water Consumption	MLD	0.0	0.0	0.0
18	Volume of waste water generated from Bulk Supply - Apartments	MLD	0.0	0.0	0.0
19	Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	0.0	0.0	0.0
20	Volume of waste water generated from Non Domestic Water Consumption	MLD	0.0	0.0	0.0
21	Volume of waste water generated from Public Tap Water Consumption	MLD	0.0	0.0	0.0
22	Volume of waste water generated from free supplies (other connections)	MLD	0.0	0.0	0.0
23	Volume of waste water generated from other ULB source water consumption	MLD	0.0	0.0	0.0
24	Volume of waste water generated from Non ULB source Water consumption	MLD	0.0	0.0	0.0
25	Total Waste Water Generated	MLD	0.0	0.0	0.0
	Waste Water Collection and Treatment	**Unit**	**2008-09**	**2009-10**	**2010-11**
26	Volume of sewage actually treated at the Primary Treatment Plant	MLD			
27	Volume of sewage actually treated at Secondary Treatment Plant	MLD			
28	Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	0	0	0
	ADEQUACY OF SEWAGE TREATMENT CAPACITY	%	#DIV/0!	#DIV/0!	#DIV/0!
29	Installed Capacity of Primary Treatment Plant	MLD			
30	Installed Capacity of Secondary Treatment Plant	MLD			
31	Total Installed Capacity (Primary + Secondary Treatment)	MLD	0	0	0
32	Total Waste Water Generated	MLD	0	0.0	0
	EXTENT OF REUSE AND RECYCLING OF SEWAGE	%	#DIV/0!	#DIV/0!	#DIV/0!
33	Volume of sewage actually treated at Secondary Treatment Plant	MLD	0	0	0
34	Volume of treated waste water reused after Secondary Treatment	MLD			
	QUALITY OF SEWAGE TREATMENT	%	#DIV/0!	#DIV/0!	#DIV/0!
	Discharge Compliance after Secondary Treatment of Sewage	**Unit**	**2008-09**	**2009-10**	**2010-11**
35	Number of Treated Effluent Samples Tested in the previous year	Number			
36	Number of Treated Effluent Samples Passed in the previous year	Number			
	EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS	%	#DIV/0!	#DIV/0!	#DIV/0!
	Consumer Services	**Unit**	**2008-09**	**2009-10**	**2010-11**
37	Sewage related Complaints received during the year	Number			
38	Sewage related Complaints resolved within 24 hours during the year	Number			
	EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT	%	#DIV/0!	#DIV/0!	#DIV/0!
	Financial Information - Annual Operating Expenses	**Unit**	**2008-09**	**2009-10**	**2010-11**
39	Regular Staff and Administration	Rs. Lakhs			
40	Outsourced /Contract Staff Costs	Rs. Lakhs			
41	Electricity Charges /Fuel Costs	Rs. Lakhs			
42	Chemicals Costs	Rs. Lakhs			
43	Repairs/Maintenance Costs	Rs. Lakhs			
44	Contractor Costs for O&M	Rs. Lakhs			
45	Others (Specify)	Rs. Lakhs			
46	Total Annual Operating Expenses	Rs. Lakhs	0.00	0.00	0.00
	Financial Information - Annual Operating Revenues	**Unit**	**2008-09**	**2009-10**	**2010-11**
47	Arrears at the beginning of previous year	Rs. Lakhs			
48	Revenue demand from user charges - sewerage only	Rs. Lakhs			
49	Revenue demand from tax/cess - sewerage only	Rs. Lakhs			
50	Revenue demand from other sources (eg. connection costs/donations etc.)	Rs. Lakhs			
51	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	0.00	0.00	0.00
	EFFICIENCY IN COLLECTION OF SEWAGE CHARGES		#DIV/0!	#DIV/0!	#DIV/0!
		Unit	**2008-09**	**2009-10**	**2010-11**
52	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	0.00	0.00	0.00
53	Collection against arrears	Rs. Lakhs			
54	Collection against current demand	Rs. Lakhs			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT					
ROUND 2					
SEWERAGE AND DRAINAGE					
	Additional Information (Optional)				
	Staff Information	***Unit***	***2008-09***	***2009-10***	***2010-11***
55	Senior Management (Sanctioned)	Number			
56	Senior Management (Working)	Number			
57	Engineers (Sanctioned)	Number			
58	Engineers (Working)	Number			
59	Clerks/Accountants (Sanctioned)	Number			
60	Clerks/Accountants (Working)	Number			
61	Labourers/Cleaners (Sanctioned)	Number			
62	Labourers/Cleaners (Working)	Number			
63	Total (Sanctioned)	Number			
64	Total (Working)	Number			
	Septage Management				
65	Does the ULB practice septage management	Yes/No			
66	Septage sucking machines available within ULB	Number			
67	Private Septage machines licenced by ULB	Number			
	Connection Costs for Sewerage Connections				
68	Residential - General	Rs			
69	Residential - Urban Poor	Rs			
70	Institutional	Rs			
71	Commercial	Rs			
72	Industrial	Rs			
	Storm Water Drainage Data				
	COVERAGE OF STORM WATER DRAINAGE NETWORK	%	#DIV/0!	#DIV/0!	#DIV/0!
		Unit	***2008-09***	***2009-10***	***2010-11***
73	Total Length of Road Network	Kilometers			
74	Total Length of Pucca covered drains	Kilometers			
	INCIDENCE OF WATER LOGGING/FLOODING	Number	0	0	0
75	Number of Flood Prone Points in the city	Number			
76	Average Frequency of Flooding	Number			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT					
ROUND 2					
SOLID WASTE MANAGEMENT					
S.No	Description of data elements	Unit	2008-09	2009-10	2010-11
	HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES		#DIV/0!	#DIV/0!	#DIV/0!
	Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection				
1	Number of Households covered by Door to Door Collection	Number			
2	Number of Hotels and Restaurants covered by Door to Door Collection	Number			
3	Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number			
4	Number of any other establishments (incl. markets) covered by Door to Door Collection	Number			
5	Total number of establishments covered by door to door collection (if typewise establishments is not available)	Number			
6	Total Number of Households and Establishments covered by Door to Door Collection	Number	0	0	0
	EFFICIENCY OF COLLECTION OF MUNICIPAL SOLID WASTE		#DIV/0!	#DIV/0!	#DIV/0!
	Waste Generation	**Unit**	**2008-09**	**2009-10**	**2010-11**
7	Waste Generated by Households	MT/month			
8	Waste Generated by Street Sweeping	MT/month			
9	Waste Generated by Hotels and Restaurants	MT/month			
10	Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/month			
11	Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/month			
12	Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/month			
13	Total Waste Generated (if typewise generation is not available)	MT/month			
14	Total Waste Generated	MT/month	0.0	0.0	0.0
	Waste Collection and Transportation - Details of waste received at Processing/ Disposal Facilities				
15	Quantity of waste received at processing and recycling facilities	MT/month			
16	Quantity of waste received at disposal sites	MT/month			
17	Total waste received at processing/disposal facility and recycled	MT/month	0	0	0
	Waste Collection and Transportation - Details of waste transported to Processing/ Disposal Facilities				
18	Number of trucks used for transportation of waste	Number			
19	Capacity of each trucks	Metric Tons (MT)			
20	Total number of trips made by trucks each day to the disposal site	Trips per day			
21	Total quantity of waste collected by trucks	MT/month	0	0	0
22	Number of dumper placers used for transportation of waste	Number			
23	Capacity of each dumper placer	Metric Tons (MT)			
24	Total number of trips made by all dumper placers each day to the disposal site	Trips per day			
25	Total quantity of waste collected by dumper placers	MT/month	0	0	0
26	Number of mini lorries used for transportation of waste	Number			
27	Capacity of each mini lorry	Metric Tons (MT)			
28	Total number of trips made by all mini lorries each day to the disposal site	Trips per day			
29	Total quantity of waste collected by mini lorries	MT/month	0	0	0
30	Number of tractor trailers used for transportation of waste	Number			
31	Capacity of each tractor trailer	Metric Tons (MT)			
32	Total number of trips made by all tractor trailer each day to the disposal site	Trips per day			
33	Total quantity of waste collected by tractor trailer	MT/month	0	0	0
34	Number of tipper trucks used for transportation of waste	Number			
35	Capacity of each tipper trucks	Metric Tons (MT)			
36	Total number of trips made by all tipper trucks each day to the disposal site	Trips per day			
37	Total quantity of waste collected by tipper trucks	MT/month	0	0	0
38	Number of 3 wheeler auto tippers used for transportation of waste	Number			
39	Capacity of each 3 wheeler auto tipper	Metric Tons (MT)			
40	Total number of trips made by all 3 wheeler auto tippers each day to the disposal site	Trips per day			
41	Total quantity of waste collected by 3 wheeler auto tippers	MT/month	0	0	0
42	Total quantiy of waste collected and transported to disposal site	MT/month	0	0	0
	EXTENT OF SEGREGATION OF MUNICIPAL SOLID WASTE		#DIV/0!	#DIV/0!	#DIV/0!
	Segregation of Waste	**Unit**	**2008-09**	**2009-10**	**2010-11**
43	Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/month			
44	Quantity of waste taken away by recyclers from intermediate points	MT/month			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT					
ROUND 2					
SOLID WASTE MANAGEMENT					
	EXTENT OF MUNICIPAL SOLID WASTE RECOVERED		#DIV/0!	#DIV/0!	#DIV/0!
	Quantity of Waste Processing	***Unit***	***2008-09***	***2009-10***	***2010-11***
45	Installed Capacity of Composting Plant	MT/month			
46	Waste Quantity Input at the Composting Plant	MT/month			
47	Installed Capacity of Vermi-composting Plant	MT/month			
48	Waste Quantity Input at the Vermi-composting Plant	MT/month			
49	Installed Capacity of Refuse Derived Fuel	MT/month			
50	Waste Quantity Input at the Refuse Derived Fuel	MT/month			
51	Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/month			
52	Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/month			
53	Installed Capacity of any other processing facilities	MT/month			
54	Waste Quantity Input at other processing facilities	MT/month			
55	Total Installed Capacity of Processing facilities	MT/month	0	0	0
56	Total Waste Quantity Input at all types of processing facilities	MT/month	0	0	0
57	Quantity of waste rejected by processing facilities at intake point	MT/month			
58	Quantity of post-processing rejects sent to dumpsite/ landfills	MT/month			
59	Total Waste Processed in the ULB	MT/month	0	0	0
	EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL SOLID WASTE		#DIV/0!	#DIV/0!	#DIV/0!
	Quantity of Waste Disposal	***Unit***	***2008-09***	***2009-10***	***2010-11***
60	Quanity of waste disposed in compliant landfill sites	MT/month			
61	Quanity of waste disposed in open dump sites	MT/month			
	EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS		#DIV/0!	#DIV/0!	#DIV/0!
	Customer Service	***Unit***	***2008-09***	***2009-10***	***2010-11***
62	Complaints received during the year	Number			
63	Complaints resolved within 24 hours during the year	Number			
	EXTENT OF COST RECOVERY IN SWM SERVICES		#DIV/0!	#DIV/0!	#DIV/0!
	Financial Information - Operational Expenditure on SWM during previous year	***Unit***	***2008-09***	***2009-10***	***2010-11***
64	Regular Staff & Administration	Rs. In Lakhs			
65	Outsourced/Contracted Staff Costs	Rs. In Lakhs			
66	Electricity Charges/Fuel Costs	Rs. In Lakhs			
67	Chemical Costs	Rs. In Lakhs			
68	Repair/Maintenance Costs	Rs. In Lakhs			
69	Contracted Services Cost	Rs. In Lakhs			
70	Other Costs (Specify)	Rs. In Lakhs			
71	Total Operational Expenses	Rs. In Lakhs	0	0	0
	Financial Information - Operational Revenues from SWM during previous year	***Unit***	***2008-09***	***2009-10***	***2010-11***
72	Arrears at the end of previous year	Rs. In Lakhs			
73	Tax / Cess - Solid Waste only	Rs. In Lakhs			
74	User Charges	Rs. In Lakhs			
75	Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs. In Lakhs			
76	Sale of Recyclables	Rs. In Lakhs			
77	Sale from processing - compost/energy	Rs. In Lakhs			
78	Royalty	Rs. In Lakhs			
79	Others (Specify)	Rs. In Lakhs			
80	Total Revenue Demand Raised for the previous year	Rs. In Lakhs	0	0	0
	EFFICIENCY IN COLLECTION OF SWM CHARGES		#DIV/0!	#DIV/0!	#DIV/0!
		Unit	***2008-09***	***2009-10***	***2010-11***
81	Total Revenue Demand Raised for the previous year	Rs. In Lakhs	0	0	0
82	Collection against arrears	Rs. In Lakhs			
83	Collection against Current Demand	Rs. In Lakhs			
	Additional Information (Optional)				
	Staff Information	***Unit***	***2008-09***	***2009-10***	***2010-11***
84	Senior Management-Health Officer (Sanctioned)	Number			
85	Senior Management-Health Officer (Working)	Number			
86	Sanitary Inspector (Sanctioned)	Number			
87	Sanitary Inspector (Working)	Number			
88	Sanitary Supervisor (Sanctioned)	Number			
89	Sanitary Supervisor (Working)	Number			
90	Maistries/Safai Karam chari (Sanctioned)	Number			
91	Maistries/Safai Karam chari (Working)	Number			
92	Cleaners/Drivers (Sanctioned)	Number			
93	Cleaners/Drivers (Working)	Number			
94	Labourers (Sanctioned)	Number			
95	Labourers (Working)	Number			
96	Others Specify	Number			
97	Total (Sanctioned)	Number	0	0	0
98	Total (Working)	Number	0	0	0
99	Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No			
100	Is weighbridge available at landfill site?	Yes/No			
101	Are daily records of waste received at open dumpsites maintained?	Yes/No			
102	Is weighbridge available at dumpsite?	Yes/No			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT

ROUND 2

EQUITY RELATED INFORMATION

S.No	Description of data elements	Unit	2008-09	2009-10	2010-11
	SLUMS				
	General Details				
1	Number of slum settlements	Number	0	0	0
2	Population in slums	Number			
3	Households in slums	Number	0	0	0
4	Household size in slums	Ratio	#DIV/0!	#DIV/0!	#DIV/0!
5	Total number of slums notified by state	Number			
6	*Number of slums that have been de notified since Census 2001*	Number			
	Policy provision for slums	**Unit**	**2008-09**	**2009-10**	**2010-11**
7	Does the ULB have a policy to provide individual WSS services to slums?	Y/N			
8	Does it exclude non notified slums?	Y/N			
9	Are slum settlements covered under property tax assessment?	Y/N			
10	*If Yes, number of slum settlements covered under property tax assessment*	Number			
11	*If No, specify why slum settlements are not covered under property tax assessment*				
12	Does the ULB have a specific department or cell (e.g. UCD) responsible for service provisions in slums?	Y/N			
13	Are external agencies (like NGOs, CBOs,private agencies) involved in service provision to slums?	Y/N			
14	Does the ULB earmark funds for the poor in budgetary allocation?	Y/N			
15	% of funds allocated in the budget for pro poor activities	%			
16	% expenditure for service provision in slums to total ULB expenditure	%			
17	Connection charges for individual water taps in slums?	Rs			
18	Do slum households have options to pay connection charges in installments?	Y/N			
19	Specify documents needed to obtain individual water/sewer connections in slums	(1/2/3)			
	1:Property tax bill,2:Ration card,3:Others,specify				
20	Have any surveys been conducted as part of programs/ schemes to enhance services in slums?	Y/N			
21	*If yes, mention program/ scheme under which the surveys have been undertaken?*	(1/2/3/4/5)			
	1: Nirmal Gujarat, 2: MSNA, 3: IHSDP, 4: JnNURM, 5: Others, specify				
	Services in slums at city level	**Unit**	**2008-09**	**2009-10**	**2010-11**
22	Number of settlements which have an internal water supply network	Number			
23	Number of individual water connections in slums	Number			
24	*Number of new connections given in slums in the current year*	Number			
25	Number of group connections in slums	Number			
26	Number functional stand posts in slums	Number			
27	*Number of standposts converted to group connections for slums*	Number			
28	Number of individual toilets in slums	Number			
29	*Number of individual toilets constructed in slums in current year*	Number			
30	Number of seats in pay-n-use toilets (functional toilets) in slums	Number			
31	Number of seats in community toilets (functional toilets) in slums	Number			
32	Number of settlements which have an internal sewage network	Number			
33	Number of sewerage connections in slums	Number			
34	*Number of community and pay-n-use toilets without access to safe disposal systems*	Number			
35	Number of slum HHs served by door to door collection of MSW	Number			

* *Attach List of slums with Ward No.; Survey/TP/FP Nos; Area of each slum and Age of each slum*

ADDITIONAL INFORMATION ON WATER SUPPLY

	Water supply				
	Network details	**Unit**	**2008-09**	**2009-10**	**2010-11**
36	Length of trunk main	km			
37	Length of transmission mains	km			
38	*Length of trunk and/or transmission mains that have undergone renovation*	km			
39	Length of distribution network	km			
40	Number of pipe breaks in the current year	Number			
41	Total area under water distribution network	sq.km			
42	Length of road network	km			
	Source level details	**Unit**	**2008-09**	**2009-10**	**2010-11**
43	Average daily quantity of water supplied from ground sources	MLD			
44	Average daily quantity of water supplied from own surface sources	MLD			
45	Average daily quantity of water supplied from bulk raw purchase	MLD			
46	Average daily quantity of water supplied from bulk treated water	MLD			
47	Average daily quantity of water supplied from other sources (desalination, rainwater harvesting, etc)	MLD			
48	Total daily quantity of water supplied from source	MLD	0	0	0
49	Average daily quantity of water supplied from WDS	MLD			
50	Average pressure at WDS	meters			
51	Average pressure at consumer end	meters			
52	Does the ULB conduct regular assessment of availability of sources through preparation of depletion statements, etc?	Y/N			
53	Capacity addition/augmentation to present supply of water commissioned over next 3 years from projects/schemes/bulk purchase	MLD			
54	Average depth of ground water table in the city	meters			
	Audits	**Unit**	**2008-09**	**2009-10**	**2010-11**
55	Has the ULB conducted studies for preliminary or detailed water audits?	Y/N			
56	Has the ULB conducted studies for energy audits?	Y/N			
57	Number of pumps at water source, treatment and distribution points inspected in the current year	Number			
58	Number of pumps replaced/repaired in the current year	Number			
	Metering	**Unit**	**2008-09**	**2009-10**	**2010-11**
59	% of consumer meters that are functional	%			
60	Number of consumer meters that are repaired/replaced in the current year	Number			
61	Metered consumption (where consumer meters are functional)	MLD			
62	Number of connections exempted from property tax/ water bills	Number			
	Complaint redressal System	**Unit**	**2008-09**	**2009-10**	**2010-11**
63	Is a system to record complaints received and redressed properly maintained by the ULB?	Y/N			
64	Does the redressal system allow for monitoring and analysing complaints on a regular basis?	Y/N			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT

ROUND 2

EQUITY RELATED INFORMATION

	Unauthorised connections	*Unit*	*2008-09*	*2009-10*	*2010-11*
65	Does the ULB have any measures to identify and/or regularise illegal connections?	Y/N			
	For Water supply				
66	Estimated number of illegal connections	Number			
67	% of illegal connections regularised	%			
	For Wastewater				
68	Estimated number of illegal connections	Number			
69	% of illegal connections regularised	%			

ADDITIONAL INFORMATION ON SEWERAGE AND DRAINAGE

3 Sewerage and/or sullage network

	Type of system	*Unit*	*2008-09*	*2009-10*	*2010-11*
70	Does the ULB have an underground piped network?	Y/N			
71	*Length of rising/ trunk main*	km			
72	*Length of laterals and sub mains*	km			
73	*Total length of underground piped network (if typewise network details not available)*	km			
74	*Length of trunk and/or lateral mains that have undergone replacement/renovation in the past 3 years*	km			
75	*Area covered by rising/trunk main*	sq. km			
76	*Area covered by laterals and sub mains*	sq. km			
77	*Total area covered by underground piped network (if typewise network details not available)*	sq. km			
78	Does the ULB have a covered drainage network?	Y/N			
79	*Length of covered drainage network*	km			
80	*Area covered by covered drainage network*	sq. km			
81	Does the ULB have open drainage network?	Y/N			
82	*Length of open drainage network*	km			
83	*Area covered by open drainage network*	sq. km			
	Augmentation and efficiency of network	*Unit*	*2008-09*	*2009-10*	*2010-11*
84	Does the ULB have a plan to develop/augment its sewer network?	Y/N			
85	Does the ULB contract out services related to O&M operations for sewerage?	Y/N			
86	Number of sewage pumps replaced/repaired in the current year	Number			
87	Number of HHs with individual toilets in the city	Number			
88	Number of residential sewer connections in the city	Number			
89	Number of non-residential sewer connections in the city	Number			
90	*Number of new sewer connections provided in the current year*	Number			
91	Number of sewer overflows reported in the current year	Number			
92	Does the ULB have a sewage treatment plant?	Y/N			
93	*If Yes, specify type of treatment*	(1/2/3)			
	1: UASB, 2: Lagoons, 3: Oxidation pond				
	Reuse of wastewater	*Unit*	*2008-09*	*2009-10*	*2010-11*
94	Does the ULB charge for untreated/treated wastewater that is reused?	Y/N			
95	*If Yes, please specify the rate for untreated wastewater*	Rs/MLD			
96	*If Yes, please specify the rate for treated wastewater*	Rs/MLD			
97	Is quality of untreated wastewater tested before disposal/reuse?	Y/N			
98	*If yes, effluent samples that have been tested for untreated wastewater*	Number			
99	*If yes, effluent samples that have passed for untreated wastewater*	Number			
100	Is the untreated waste water being reused?	Y/N			
101	*If Yes, estimated volume of untreated wastewater reused*	MLD			
102	*If Yes, specify the purpose*	(1/2/3)			
	1:Agriculture,2:Sewage farms,3:Others,specify				
	Means of disposal of waste water	*Unit*	*2008-09*	*2009-10*	*2010-11*
103	Sullage	(1/2/3)			
104	Untreated waste water	(1/2/3)			
105	Treated waste water	(1/2/3)			
	1:on land,2:in water bodies,3:Others,specify				
	In areas of ULB/ ULBs with no sewer/drainage network	*Unit*	*2008-09*	*2009-10*	*2010-11*
106	Estimated properties connected to septic tanks	Number			
107	Estimated properties connected to soak pits	Number			
108	Estimated number of septic tanks in the ULB	Number			
109	Estimated number of septic tanks cleaned annually	Number			
110	If means of disposal is by septic tanks, agency for cleaning septic tanks?	(1/2/3)			
	1:ULB, 2:Private agency, 3:Both				
111	*Charge levied by agency for emptying septic tanks* ***inside*** *city limits*	Rs/trip			
112	*Charge levied by agency for emptying tanks* ***outside*** *city limits*	Rs/trip			
113	Does the ULB have facilities to treat septage?	Y/N			
114	Location of disposal of septic tank waste	(1/2/3)			
	1: Sewage treatment plants(inclu. Functional oxidation ponds), 2: Open dumps, 3: Water bodies				

ADDITIONAL INFORMATION ON SOLID WASTE MANAGEMENT

4 Solid Waste Management

		Unit	*2008-09*	*2009-10*	*2010-11*
115	Total number of wards in the city	Number			
	Number of wards covered by primary collection agencies for SWM				
116	ULB	Number			
117	Private	Number			
118	Resident Welfare Associations	Number			
119	NGO/CBOs	Number			
120	Number of sweepers deployed	Number			
121	Total length of road swept	km			
122	Number of secondary storage bins	Number			
123	Capacity of secondary storage bins	tonnes			
124	Frequency of secondary collection of waste	days			
	Does the ULB contract out services related to				
125	Secondary collection?	Y/N			
126	Transportation?	Y/N			
127	Treatment?	Y/N			
128	Disposal?	Y/N			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT

ROUND 2

EQUITY RELATED INFORMATION

ADDITIONAL INFORMATION ON FINANCE

5	Financial Details for ULB				
	Receipts and Expenditure	***Unit***	***2008-09***	***2009-10***	***2010-11***
129	Capital receipts of ULB	Rs			
	Capital expenditure for municipal services				
130	Water supply	Rs			
131	Wastewater	Rs			
132	MSWM	Rs			
133	Others	Rs			
134	Total	Rs	0	0	0
135	Total Revenue Income of ULB	Rs			
136	Total Revenue Expenditure of ULB	Rs			
137	Total payment due to the state electricity board for oustanding electricity bills and penalties	Rs			
138	Total payments due for bulk supply (irrigation, Narmada etc,.) including charges and penalties	Rs			
	Improving Collection efficiency	***Unit***	***2008-09***	***2009-10***	***2010-11***
	Does the ULB levy charge in the form of taxes, user fees, etc for providing services related to				
139	Water supply?	Y/N			
140	Wastewater (Sanitation and Sewerage)?	Y/N			
141	MSWM?	Y/N			
142	SWD?	Y/N			
143	Connection charge for individual water connection for slums in city	Rs			
144	Connection charge for individual water connection in non poor HHs in city	Rs			
145	Does the ULB facilitate payment of bills through banks?	Y/N			
146	Does the ULB have various mechanisms to facilitate collection of bills at ward level like e-kiosks, civic centres,etc?	Y/N			
147	Does the ULB outsource its bill collections to private agencies, etc?	Y/N			
148	What is the penalty for late payment?	Rs			

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT

ROUND 2

RELIABILITY ASSESSMENT

			2010-11
No	**Reliability parameters for water supply, wastewater, SWM and SWD**		**Y/N**
1	**Coverage**		
	What is the basis of estimation of HHs served for		
	Water supply	1.Through household surveys	
		2.Through property tax/billing records	
		3. Number of residential connections	
		4. Past trends/surveys	
		5. Area covered by distribution network	
		6. Road covered by network length	
	Toilets	1. Through household surveys	
		2. Through property tax records	
		3. Area covered by toilet facilities	
		4. Road covered by network length	
	Sewerage	1. through household surveys	
		2. Through property tax records	
		3. Number of sewer connections	
		4. Past trends/surveys	
		5. Area covered by sewer network	
		6. Road length covered by sewerage	
	SWM	1. Through household surveys	
		2. Quantity of waste collected	
		3. No. of wards served	
	How are records of HHs served by water supply maintained?	1. Computerised	
		2. Only Manual	
	How are records of properties served maintained for		
	Toilets	1. Computerised	
		2. Only Manual	
	Sewerage	1. Computerised	
		2. Only Manual	
	Door to door collection of MSW	1. Computerised	
		2. Only Manual	
	How are connection registers maintained for		
	Water supply	1. Computerised	
		2. Only Manual	
	Sewerage	1. Computerised	
		2. Only Manual	
	Storm Water Drains		
	What is the basis of estimation of length of pucca and covered drains?	1. Ground level surveys	
		2. Based on road maps (<5 yrs old)	
	How are flood prone points identified in the city?	1. Flood monitoring stations	
		2. Complaints/reports from citizens	
2	**Coverage in slums**		
	What is the basis of estimation of population/HHs in slums?	1. Recent Survey (1-3yrs)	
		2. Past Survey	
	What is the basis of estimation of UWSS services provided in slums?	1. Recent Survey (1-3yrs)	
		2. Past Survey	
	How are records of information on slums maintained for?		
	Water supply	1. Computerised	
		2. Only Manual	
	Sewerage	1. Computerised	
		2. Only Manual	
	Individual toilets	1. Computerised	
		2. Only Manual	
	Door to door collection of MSW	1. Computerised	
		2. Only Manual	
3	**Water Production, treatment and consumption**		
	Basis of measurement of water produced at WTP/tube wells	1. Bulk flow meters	
		2. Pump/level details	
	Basis of measurement of water supplied from bulk distribution points	1. Bulk flow meters	
		2. Pump/level details	
		3. Periodic sample surveys	
	How are records maintained at WTP/tube wells?	1. Computerised	
		2. Only Manual	
	How are records maintained at bulk distribution points like ESRs, etc?	1. Computerised	
		2. Only Manual	

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT

ROUND 2

RELIABILITY ASSESSMENT

			2010-11
4	**Quality of Water**		
	Are proper records of samples conducted and passed/failed at source, WTP/bore wells, bulk distribution points and consumer end maintained?		
	Are tests for quality conducted through	1. Own laboratory regularly	
		2. Accredited centres regularly	
		3. Third party agencies intermittently	
	How are audits to monitor water quality procedures carried out?	1. by independent agencies periodically	
		2. ULB itself occassionally	
	Record Keeping	1. Computerised	
		2. Only Manual	
5	**Continuity of water supplied**		
	How is the duration of water supplied for the city estimated?	1. Valve operating points across zones	
		2. Periodic surveys	
		3. Feedback from city field engineers	
	Is adequacy of pressure and hours of supply at consumer end assessed?		
	Record keeping	1. Computerised	
		2. Only Manual	
6	**Metering of Water Connections**		
	Are meters installed at consumer level?		
	Extent of metering of connections	1. At all consumer points	
		2. Only bulk & commercial consumers	
	How are functional meters assessed?	1. Regular reading and billing of meters	
		2. Spot checks	
	How is household consumption estimated?	1. Meters installed at all consumer points	
		2. Periodic Survey	
		3. Spot Survey	
		4. Ferrule size and hours of supply	
	Record Keeping	1. Computerised	
		2. Only Manual	
7	**Wastewater collection and treatment**		
	How is quantity of wastewater collected by network estimated?	1.Bulk flow meters at inlet of treatment plant	
		2. V-Notch at outlet of channel	
		3. Installed Plant Capacity	
	How is quantity of wastewater actually treated estimated?	1.Bulk flow meters at outlet of treatment plant	
		2. V-Notch at outlet of channel	
		3. Installed Plant Capacity	
	Record keeping	1. Computerised	
		2. Only Manual	
8	**Quality of Wastewater**		
	Are proper records of samples conducted and passed/failed for all parameters (BOD, COD, etc) maintained?		
	How are audits to monitor waste water quality procedures carried out?	1. by independent agencies periodically	
		2. ULB itself occassionally	
	Record keeping	1. Computerised	
		2. Only Manual	
9	**SWM**		
	How is quantity of waste generated estimated?	1. Quarterly/ sample surveys	
		2. Per capita waste generation	
	How is quantity of waste segregated estimated?	1. Measurement at treatment/disposal site	
		2. HHs & establishments with two bins	
		3. inputs from door to door collection agencies	
	Estimation of municipal waste received at		
	Treatment plant (choose from 4 options)	1. Weighbrige	
		2. On the basis of Trips	
		3. Aggregate mass balance	
		4. Installed capacity	
	Scientific landfill (choose from 4 options)	1. Weighbrige	
		2. On the basis of Trips	
		3. Aggregate mass balance	
		4. Installed capacity	
	Open dumps (choose from 3 options)	1. Weighbrige	
		2. On the basis of Trips	
		3. Aggregate mass balance	
	Record keeping at		
	Treatment plant	1. Computerised	
		2. Only Manual	
	Scientific landfill	1. Computerised	
		2. Only Manual	
	Open dumps	1. Computerised	
		2. Only Manual	

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT			
ROUND 2			
RELIABILITY ASSESSMENT			
			2010-11
10	**Finance**		
	Is regualar (quarterly/annual) reporting of the financial statements conducted to state/central agencies?		
	Are arrears segregated from current demand in financial statements/budgets?		
	Extent of segregation of budget heads for		
	Water supply	1. Fully	
		2. Partially	
	Sewerage	1. Fully	
		2. Partially	
	SWM	1. Fully	
		2. Partially	
	Accounting System	1. Accrual-Double entry	
		2. Cash Based	
		3. Both systems	
	Are records maintained for charges collected against the specific bill issued?	1. Water Supply	
		2. Sewerage	
		3. SWM	
	Are DCB tables linked to billing and collection system?		
	Billing systems	1. Computerised	
		2. Only Manual	
	Are billing and collection records regularly updated?		
	Record keeping	1. Computerised	
		2. Only Manual	
11	**Complaint Redressal System**		
	Are records of complaints resolved maintained?		
	Water supply		
	Sewerage		
	SWM		
	System for Collating, sorting and tracking of complaints		
	Water supply	1. Computerised	
		2. Only Manual	
	Sewerage	1. Computerised	
		2. Only Manual	
	SWM	1. Computerised	
		2. Only Manual	
	Are the records of types of complaints (low water pressure, no water, sewer blocks, etc) maintained?		
	Water supply		
	Sewerage		
	SWM		