



CONTROL OF URBAN POLLUTION  
SERIES: CUPS/ / 2015

**INVENTORIZAZION OF SEWAGE  
TREATMENT PLANTS**



MARCH, 2015

**CENTRAL POLLUTION CONTROL BOARD**  
(Ministry of Environment and Forests, Govt. of India)  
Parivesh Bhawan, East Arjun Nagar,  
Delhi - 110032



## FOREWORD

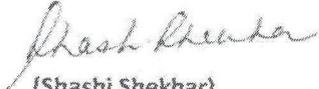
Partially or untreated sewage is the single major source for deterioration of surface or ground water quality. It contributes 70 % of the pollution load to streams or water bodies of India. The untreated wastewater is a potential pollutant which contaminates ground, ground water, rivers and natural drainage system causing pollution in downstream areas. The rivers; lake, stream etc. are used by human being for fulfillment of their daily needs. The consumption of polluted water has adverse impact on human health as well as on aquatic life.

Central Pollution Control Board carried out assessment on Municipal wastewater generation and treatment capacity in Metropolitan cities, Class I cities and Class II towns of India. The sewage generation was about 38254 MLD during 2008-09 whereas treatment capacity developed was 12000 MLD approximately. The estimated sewage generation is 62000 MLD (approximately). The inventory of STPs installed all over India indicates that out of 816 STPs, 522 STPs are operational (as on March, 2015). The capacity utilization is 18883 MLD (615 STPs) out of 23277 MLD (920 STPs).

Treatment of sewage is absolutely necessary for making our river/water bodies clean. In spite of all efforts, only 23277 MLD of treatment capacity have been developed against the total sewage generation of 62000 MLD. It is mandate for SPCBs/PCCs under section 17 (l) (i) of The Water (Prevention and Control of Pollution) Act, 1974 to make, vary or revoke any order for prevention, control or abatement of discharge of waste into streams and under Section 24 to prohibit use of stream or well for disposal of polluting matter. Therefore, it is necessary to make mandatory to setup STPs by the Municipal authorities for bridging the treatment gap and enforcement of consent management.

Hopefully, this inventory of STPs would be helpful to the concerned agencies in formulating action plan/strategies for improving the urban environment in general and for the management of municipal wastewater in particular.

The information has been collated by Sh. Vishal Gandhi, Scientist 'C', Sh. Jagdeep Kumar, SA-I, and Sh J K Vimal, SRF under the guidance of Sh. A K Sinha, Scientist 'D', Sh. R M Bhardwaj, Scientist 'E' and Dr. A B Akolkar, Member Secretary and deserves appreciation.

  
(Shashi Shekhar)  
Special Secretary, MoEF & CC  
& Chairman CPCB

Date: 18/03/2015

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

'Parivesh Bhawan', East Arjun Nagar, Delhi - 110032

दूरभाष/Tel. : 43102030, फ़ैक्स/Fax : 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल/e-mail : cpcb@nic.in वेबसाइट/Website : www.cpcb.nic.in

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## 1.0 INTRODUCTION

Urban water supply and sanitation are important basic needs for the improvement of the quality of life and enhancement of productive efficiency of the people. In urban areas, water is tapped for domestic and industrial uses from rivers, streams, wells and lakes. Almost 80% of the water supplied for domestic use, comes out as wastewater. In most of the cases wastewater is let out untreated and it either sinks into the ground as a potential pollutant of ground water or is discharged into the natural drainage system causing pollution in downstream areas. Wastewater needs to be conveyed to sewage treatment plants and treated wastewater must meet the aesthetic standards of ambient environment for receiving water bodies.

Sewage Treatment plants are used to treat sewage generated from residential, institutional, commercial and industrial establishments which includes household waste liquid from toilets, baths, showers, kitchens, sinks and so forth that is disposed of via sewers. In India, different treatment technologies like ASP, UASB, Oxidation pond and advanced technologies like SBR, MBR are adopted for the treatment of sewage. Central Pollution Control Board carried out study on status of Municipal wastewater generation and treatment capacity in Metropolitan cities, Class I cities and Class II towns of India and published a document (CUPS/61/2005-06). The sewage generation is about 38254 MLD whereas treatment capacity developed is only about 12000 MLD and 269 numbers of STPs are installed in India. Growth of Urbanization in India is at rapid rate. This is illustrated in Figure 1 and summarized in Table 1.

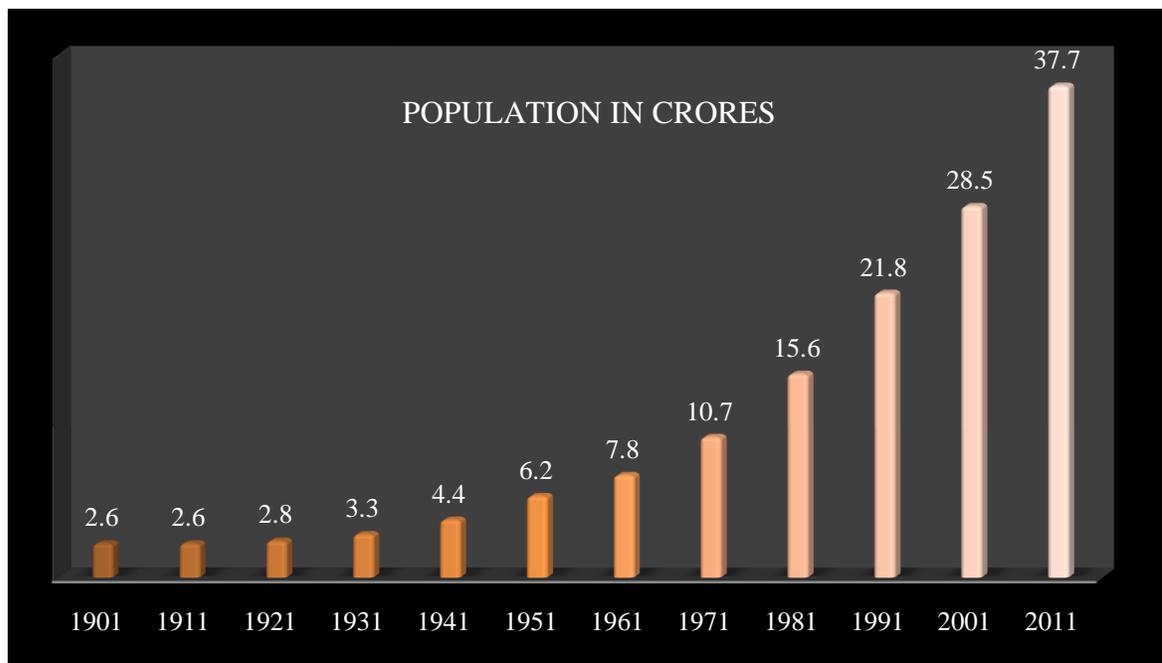


Figure 1: Bar diagram shows growth of urban population 1901-2011

**Table 1: Decadal Urban Population Growth Since 1901**

Year	Total	Rural	Urban	Urban, as % of total	Decadal increase in urban population	% in
1901	238,396,327	212,544,454	25,851,873	10.84	-	
1911	252,093,390	226,151,757	25,941,633	10.29	0.35	
1921	251,321,213	223,235,043	28,086,170	11.18	8.3	
1931	278,977,238	245,521,249	33,455,989	11.99	19.1	
1941	318,660,580	274,507,283	44,153,297	13.86	32.0	
1951	361,088,090	298,644,381	62,443,709	17.29	41.4	
1961	439,234,771	360,298,168	78,936,603	17.97	26.4	
1971	548,159,652	439,045,675	109,113,977	19.91	38.2	
1981	683,329,097	523,866,550	159,462,547	23.34	46.1	
1991	846,302,688	628,691,676	217,611,012	25.71	36.5	
2001	1,027,015,247	741,660,293	285,354,954	27.78	31.1	
2011	1,210,193,422	83,30,87662	377,105,760	31.16	32.2	

The facilities like housing and water supply, sanitation also increased with urbanization. However, facility of sewage management has not received the required focus. As a result, untreated sewage is discharged into open storm water drains causing pollution to water bodies.

## 2.0 OBJECTIVE OF THE STUDY

As stated earlier, Central Pollution Control Board (CPCB) has carried out study on status of Municipal wastewater generation and treatment capacity in Metropolitan cities, Class I cities and Class II towns of India and published a document (CUPS/61/2005-06) and (CUPS/70/2009-10) and assessed the 269 number of STPs with capacity of 12000 MLD. There is need to update the information on Sewage treatment facility as urbanization of country increases with rapid pace and therefore the treatment facility for sewage is also increased.

## 2.1 METHODOLOGY OF STUDY

CPCB has designed format for collation and collection on STPs from all 35 State Pollution Control Boards and Pollution Control Committees. The format is attached at Annexure-I. CPCB has communicated with SPCBs/PCCs numerous times and provided the prescribed format.

### 3.0 INVENTORY OF SEWAGE TREATMENT PLANTS

CPCB has carried out an inventORIZATION of Sewage Treatment Plants (STPs) located in India in the year 2014-15. There are 816 STPs having capacity of 23277MLD in 28 States/UTs of India. Out of 816 STPs, 522 STPS are operational, 79 STPs are Non-operational, 145 STPs are under construction and 70 STPs are proposed for construction. The detail is mentioned in table -2 and figure-2 and 3.

**Table 2: Break-up of STPs**

Sl.No.	Status	Nos. Of STPs	Capacity (MLD)
1.	Operational	522	18883.2
2.	Non-operational	79	1237.16
3.	Under Construction	145	2528.36
4.	Proposed	70	628.64
5.	Total	816	23277.36

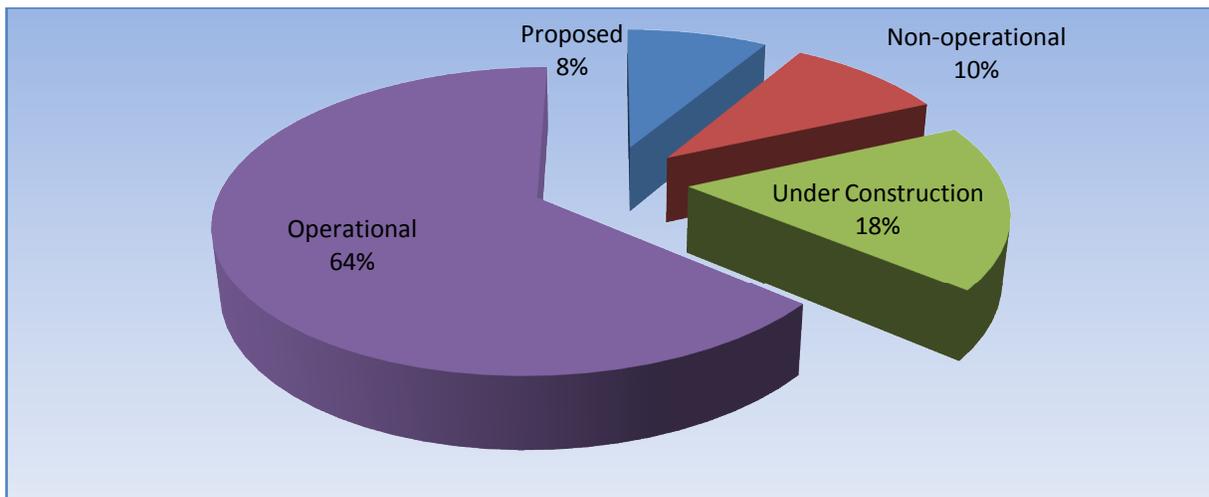


Figure 2: Pi-chart show distribution of Number of STPs

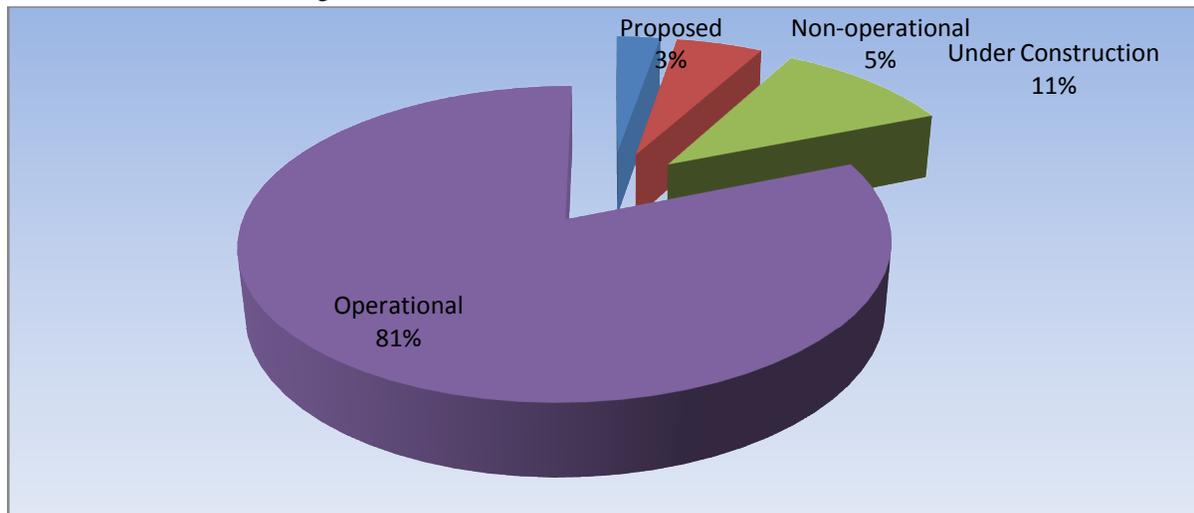


Figure 3: Pi-chart show distribution of capacity of STPs

Arunachal Pradesh, Andaman & Nicobar Islands, Chhattisgarh, Daman Diu & Dadra Nagar Haveli, Lakshadweep, Manipur and Nagaland do not have treatment facility. Maharashtra, Gujarat, Delhi, Maharashtra has the maximum sewage treatment capacity. Detailed break-up of STPs state-wise is placed in Table 3. Figure 4 depicts installed capacity distribution among different states of India and Figure 5 shows the number of STPs among different states of India.

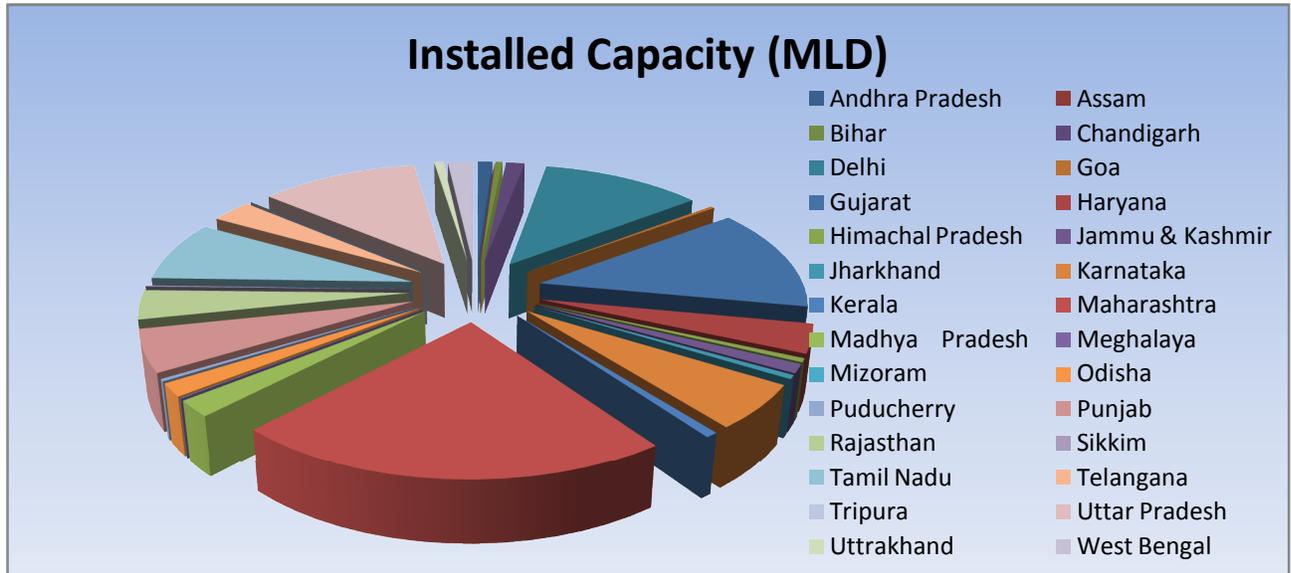


Figure 4: Pi-chart depicting installed capacity distribution in India

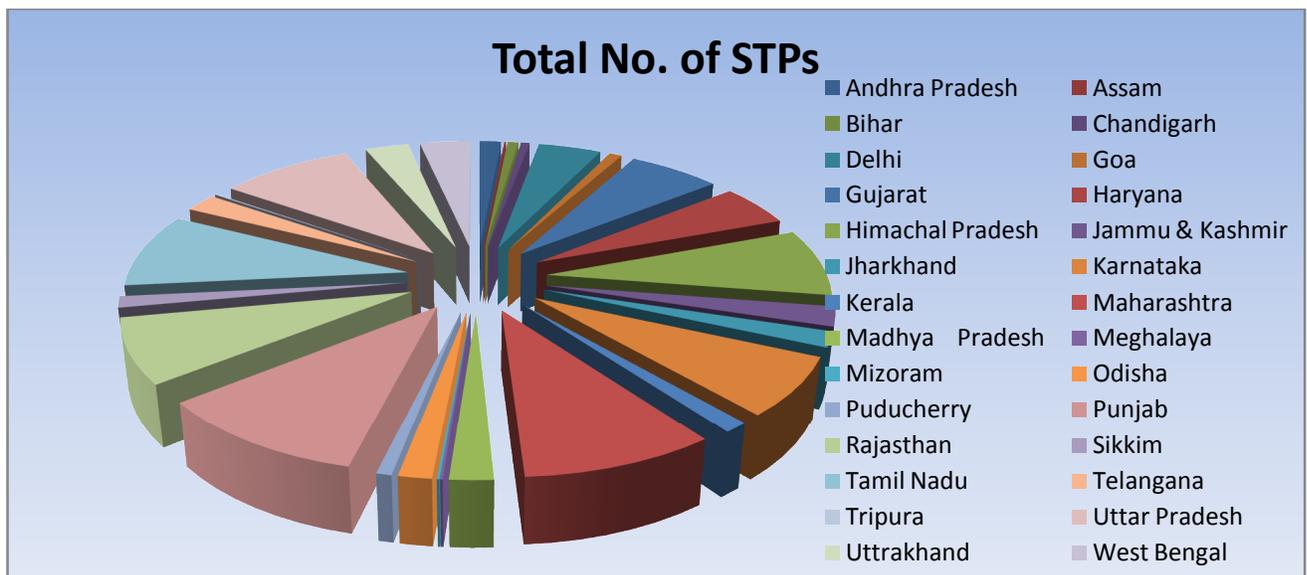


Figure 5: Pi-chart depicting STPs distribution in India

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Table 3: Break-Up of STPs Located In Different States/UTs of India

Sl. No.	State/UT	Capacity of Municipal STPs	No. of Municipal STPs	Operational Capacity (MLD)	No. of STPs Operational	Non-operational Capacity (MLD)	No. of STPs Non-operational	Under Construction Capacity (MLD)	No. of STPs Under Constructions	Proposed Capacity (MLD)	No. of STPs Proposed
1	Andhra Pradesh	247.27	12	156.27	9	-	-	91	3	-	-
2	Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
3	Andaman & Nicobar Islands	-	-	-	-	-	-	-	-	-	-
4	Assam	0.21	1	0.21	1	-	-	-	-	-	-
5	Bihar	124.55	6	99.55	5	25	1	-	-	-	-
6	Chandigarh	314.5	5	314.5	5	-	-	-	-	-	-
7	Chhattisgarh	-	-	-	-	-	-	-	-	-	-
8	Delhi	2693.7	35	2671.2	34	22.5	1	-	-	-	-
9	Daman Diu & Dadra Nagar Haveli	-	-	-	-	-	-	-	-	-	-
10	Goa	74.58	7	34.5	4	-	-	40.08	3	-	-
11	Gujarat	3062.92	51	2111.64	32	498	4	359.5	8	93.78	7
12	Haryana	852.7	41	805	38	2.7	2	45	1	-	-
13	Himachal Pradesh	114.72	66	79.51	36	35.21	30	-	-	-	-
14	Jammu & Kashmir	264.74	19	145.74	15	2	1	117	3	-	-
15	Jharkhand	117.24	15	117.24	15	-	-	-	-	-	-
16	Karnataka	1304.16	57	1112.05	44	-	-	192.11	13	-	-
17	Kerala	152.97	10	112.87	6	3	1	37.1	3	-	-

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No.	State/UT	Capacity of Municipal STPs	No. of Municipal STPs	Operational Capacity (MLD)	No. of STPs Operational	Non-operational Capacity (MLD)	No. of STPs Non-operational	Under Construction Capacity (MLD)	No. of STPs Under Constructions	Proposed Capacity (MLD)	No. of STPs Proposed
18	Lakshadweep	-	-	-	-	-	-	-	-	-	-
19	Maharashtra	5160.36	76	4683.9	60	344.5	10	131.96	6	-	-
20	Madhya Pradesh	482.23	17	475.48	14	6.75	3	-	-	-	-
21	Manipur	-	-	-	-	-	-	-	-	-	-
22	Meghalaya	1	1	-	-	1	1	-	-	-	-
23	Mizoram	10	1	-	-	-	-	10	1	-	-
24	Nagaland	-	-	-	-	-	-	-	-	-	-
25	Odisha	385.54	13	158.04	7	-	-	227.5	6	-	-
26	Puducherry	68.5	6	17.5	3	-	-	51	3	-	-
27	Punjab	1245.45	86	921.45	38	15.2	4	276.7	31	32.1	13
28	Rajasthan	865.92	63	384.5	16	-	-	149.3	11	332.12	36
29	Sikkim	31.88	11	8	1	5	1	18.88	9	-	-
30	Tamil Nadu	1799.72	73	1140.83	33	5.17	1	521.08	28	132.64	11
31	Telangana	685.8	18	634.8	17	-	-	51	1	-	-
32	Tripura	0.05	1	0.045	1	-	-	-	-	-	-
33	Uttar Pradesh	2646.84	73	2372.25	62	89.59	7	170	3	15	1
34	Uttrakhand	152.9	24	90.75	10	-	-	39.15	12	23	2
35	West Bengal	416.9	28	235.36	16	181.54	12	-	-	-	-
<b>Total</b>		<b>23277.36</b>	<b>816</b>	<b>18883.2</b>	<b>522</b>	<b>1237.16</b>	<b>79</b>	<b>2528.36</b>	<b>145</b>	<b>628.64</b>	<b>70</b>
<b>Note : ‘ - ‘ indicates that information not received from concerned SPCB/PCC</b>											

#### 4.0 STATE-WISE DETAILS OF SEWAGE TREATMENT PLANTS

As stated earlier, CPCB has communicated to provide information on STPs as per prescribed format to all 35 SPCBs/PCCs. All SPCBs/PCCs provide the information in prescribed format and Arunachal Pradesh, Andaman & Nicobar Islands, Chhattisgarh, Daman Diu & Dadra Nagar Haveli, Lakshadweep, Manipur and Nagaland has informed that they do not have sewage treatment plant in their territory. Details of STPs of remaining 28 States/UTs are mentioned in subsequent section.

#### 4.1 STPs AT ANDHRA PRADESH

Andhra Pradesh has total number of 12 STPs having capacity of 247 MLD. Out of 12 STPs, 03 STPs of capacity 91 MLD are under construction. Detail is mentioned in Table 4.

Table 4:-STPs of Andhra Pradesh

Sl. No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational /Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1.	Rajamundry	Rajamundry, EG district	Information not provided	Operational	30	Information not provided	Information not provided
2.	Tirupathi	Tukivakam		Operational	25		
3.	Vijayawada	Azithsinghnagar		Operational	27.27		
4.		Azithsinghnagar		Under Construction	40		
5.		Auto Nagar		Operational	10		
6.		Ramalingeswara Nagar		Operational	10		
7.		Poornanadampet		Operational	14		
8.		Visakhapatnam		Appughar	Operational		
9.	Muvasalava			Under Construction	13		
10.	Old town			Under Construction	38		
11.	Port area			Operational	10		
12.	Vizianagaram	Pedda Chruvu		Operational	5		

#### 4.2 STPs AT ANDAMAN & NICOBAR ISLAND

Andaman & Nicobar Islands has zero number of STPs.

#### 4.3 STPs AT ARUNACHAL PRADESH

Arunachal Pradesh has zero number of sewage treatment plants.

#### 4.4 STPs AT ASSAM

Assam has 1STP of capacity 0.21 MLD. Table 6 shows the details of STP in Assam.

Table 6: STPs- Assam

Sl. NO	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1.	Ds Hospitality (Assam) Ltd	GMDA truck yard near IBP petrol pump NH-37	Information Not provided	Construction completed	0.21	SAFF	NOC Accorded

#### 4.5 STPs AT BIHAR

There are 06 numbers of STPs having treatment capacity of 125 MLD. 01 STP installed at Pahari, Patna is non-operational. Details of STPs of Bihar are shown in Table 7.

Table 7: STPs-Bihar

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Patna	Saidpur STP Old Unit, Patna	Information not provided	Operational	4.55	ASP	Information not provided
2		Saidpur STP, Patna		Operational	45	ASP	Consent from SPCB has been provided but not renewed
3		Beur STP, Patna, Bihar		Operational	35	ASP	
4		Pahari, Patna-7		Not functional at the time monitoring	25	Aerated Lagoon	
5	Karmalichak	Karmalichak		Operational	4	Aerated Lagoon	
6	Bhagalpur	Bhagalpur STP		Operational	11	Aerated Lagoon	

#### 4.6 STPs AT CHANDIGARH

In Chandigarh, there are 05STPs with capacity of 314 MLD. Only 01 STP at Raipur Kalan has valid consent to operate and remaining STPs do not have valid consent to operate. Detail information of plants is placed in Table 8.

Table 8: STPs-Chandigarh

Sl.No.	City/Town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Chandigarh	Diggian, Mohali	1966 (1st Phase)	30 MGD-Operational	205	UASB-30 MGD,	This is in the jurisdiction of PPCB
			1987 (2nd Phase) 1991 (3rd Phase)	15 MGD-Under Renovation		ASP-15 MGD	
2		3 BRD, Near Sector-47, Chandigarh	2004 & it commissioned in Nov., 2007	Operational	73	11 MGD-SBR, 5 MGD-UASB	No, under process
3		Raipur Kalan, Chandigarh	2003	Operational	23	UASB	Yes
4		Raipur Khurd, Chandigarh	2003	Operational	6	ASP	No, under process
5	Dhanas, Chandigarh	2013	Operational	7.5	SBR		

#### 4.7 STPs AT CHHATTISGARH

Chhattisgarh has zero number of sewage treatment plants.

#### 4.8 STPs AT Daman Diu & Dadra Nagar Haveli

Daman Diu 7 Dadra Nagar Haveli has zero number of sewage treatment plants.

#### 4.9 STPs AT DELHI

Delhi has 35 numbers of sewage treatment plants having treatment capacity of 2693.7 MLD. 01 STP installed at Ghitorni is non-operational. Details of STPs of Delhi are shown in Table 10.

Table 10: STPs-Delhi

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Akshardham	STP Akshardham	2014	Operational	4.5	MBR	Information not provided
2	Kondli	STP Kondli phase-I	1987	Operational	45	ASP	
3		STP Kondli Old Phase-II	1989	Operational	112.5	ASP	

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Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
4		STP Kondli Phase-III	2001	Operational	45	ASP	
5		STP Kondli New Phase-IV	2014	Operational	202.5	ASP	
6	Papankalla	STP Papankalla	2000	Operational	90	ASP	Information not provided
7	Nazafgarh	STP Nazafgarh	2002	Operational	22.5	EA	
8	Yamuna Vihar	Yamunavihar Phase - I	1999	Operational	45	ASP	
9		Yamunavihar Phase - II	2002	Operational	45	ASP	
10	Rithla	Rithla Old	1989	Operational	180	ASP	
11		Rithla New	2014	Operational	180	ASP	
12	Rohini	Rohini Sec-25	2002	Operational	67.5	ASP	
13	Okhla	Okhla Phase - I	1937	Operational	135	ASP	
14		Okhla Phase - II	1982	Operational	54	ASP	
15		Okhla Phase-III	1993	Operational	202.5	ASP	
16		Okhla Phase-IV	1993	Operational	166.5	ASP	
17		Okhla Phase-V	2001	Operational	72	ASP	
18		Okhla Phase-VI	2011-2012	Operational	135	ASP	
19	Keshopur	Keshopur Nilothe-I	1958	Operational	54	ASP	
20		Keshopur Nilothe-II	1975	Operational	90	ASP	
21		Keshopur Nilothe-III	1990	Operational	180	ASP	
22		Nilothe-IV	2002	Operational	180	ASP	
23	Coronation	Coronation Pillar-I	1957	Operational	45	Trickling Filtration	
24		Coronation Pillar-II	1999	Operational	90	ASP	
25	Narela	Narela-I	2001	Operational	45	ASP	
26		Narela-II	2014	Operational	27	ASP	
27	Vasant Kunj	Vasant Kunj-I	1982	Operational	22.5	EA	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
28		Vasant Kunj-II	1997	Operational	9.9	EA	Information not provided
29		Vasant Kunj-III	1997	Operational	13.5	EA	
30	Dr. Sen Nursing Home Nalla	Dr. Sen Nursing Home Nalla	1998	Operational	9.9	Bio-Far	
31	Delhi Gate Nalla	Delhi Gate Nalla	1998	Operational	9.9	Bio-Far	
32	Mehrauli	Mehrauli	2003	Operational	22.5	ASP	
33	Ghitorni	Ghitorni	2014	Non Operational	22.5	ASP	
34	Timarpur	Timarpur	-	Operational	27	OP	
35	Chilla	Chilla	2014	operational	40.5	SBR	

#### 4.10 STPs AT GOA

Goa has 07 numbers of sewage treatment plants having treatment capacity of 74.58 MLD. 031STPs of capacity 40.08 MLD are under construction. Details of STPs of Goa are shown in Table 11.

Table 11: STPs-Goa

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Calangute	Calangute	2014	Under Construction	0.08	MBR	CTE
2	Margao	Navelim	2000	Operational	7.5	ASP	Valid till October 15, 2014
3		Navelim Shirvodem	2014	Under Construction	20	ASP	CTE
4	Mormugao	Baina	1985	Operational	14	ASP	Applied for renewal
5		Baina	2014	Under Construction	20	SBR	CTE

6	Panaji	Patto	2002	Operational	0.5	TF	Valid till 2016
7		Tonca	2005	Operational	12.5	ASP	Valid till 2015

#### 4.11 STPs AT GUJARAT

Gujarat has 51 numbers of sewage treatment plants having treatment capacity of 3062.92 MLD. 04 STPs of capacity 498 MLD are Non-Operational, 08 STPs of capacity 359.5 MLD are under construction and 07 STPs of capacity 93.78 MLD are proposed. Details of STPs of Gujarat are shown in Table 12.

Table 12: STPs-Gujarat

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Gandhinagar	STP of Capital Project, Jaspur, Gandhinagar	2008	Operational	76	ASP	Valid CCA up to 24/03/2016
2		Basan STP, S No. 218,219, Near IIT, Palaj-Basan road, Basan. Tal. & Dist. Gandhinagar	2014 (Proposed)	Constructed but yet not commissioned	2	SBR	NOC(CTE) Granted
3		Sargasan Sewage Treatment Plant S. No. 111, Sargasan, Tal. & Dist. Gandhinagar	2014	Operational	10	SBR	NOC(CTE) Granted and applied for CCA of the GPCB
4	Vadodara	STP of VMSS, Atladara-I	2000	Operational	43	ASP	Consent Valid up to 18/09/2014
5		STP of VMSS, Tarsali	1998	Operational	52	UASB	Consent Valid up to 15/09/2014
6		STP of VMSS, Gajrawadi	1998	Operational	66	ASP	Consent Valid up to 23/09/2014
7		STP of VMSS, Atladara-II	2004	Operational	43	UASB	Consent Valid up to

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
							28/10/2014
8		STP of VMSS, Kapurai	2010	Operational	43	ASP	Consent Valid up to 19/04/2015
9		STP of VMSS, Sayaji Garden	2010	Operational	8.5	ASP	Consent Valid up to 19/04/2015
10		STP of VMSS, Chhani		Under Construction	21	ASP	CTE granted
11	Talaja	Talaja Nagarpalika, Bhavnagar, Gujarat	2005	Operational	3	ASP	-
12	Bhavnagar	Ruvapari Road ,Bhavnagar, Gujarat		Proposed	35	UASB	Presently having Oxidation Pond 20 MLD capacity consists 5 MLD industrail effluent of GIDC, Chitra & 15 MLD domestic W/W
13		Nari Road Bhavnagar, Gujarat		Proposed	45	UASB	Presently having Oxidation Pond 20 MLD capacity consists 5 MLD industrail effluent of

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
							GIDC, Chitra & 15 MLD domestic W/W
14	Kunkavav	Kunkavav, Dist. Amreli, Gujarat		Proposed	1.35	OP	Applied for CTE of the Board
15	Dhari	Dhari, Dist. Amreli		Proposed	3.2	OP	Applied for CTE of the Board
16	Khambha	Khambha, Dist. Amreli		Proposed	1.5	OP	Applied for CTE of the Board
17	Liliya Mota	Liliya Mota, Dist. Amreli, Gujarat		Proposed	1.73	OP	Applied for CTE of the Board
18	Savarkundla	Savarkundla Nagarpalika, Dist. Amreli, Gujarat		Proposed	6	OP	Information not provided
19	Palitana	Palitana, Dist. Bhavnagar, Gujarat	2005	Operational	4.5	OP	
20	Ahmedabad	S. No. 93,10,113,115,117(P),118,119,92,104,105,109,111,112,116,120 near Vinobabhavengar, Vill. Vinzol, Ahmedabad	2011	Operational	70	UASB	13/08/2018

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
21	Ankleshwar Nagarpalika, Ankleshwar, Dist. Bharuch	Sukhavali, Ankleshwar	2001	Operational	150	OP	Information not provided
22	Ankleshwar Notified Area Authority, GIDC, Ankleshwar, Dist. Bharuch	Plot No. 624/B, GIDC, Ankleshwar	2008	Operational	22.5	ASP	Obtained
23	Kevadia Colony, Dist. Narmadada	Kevadia Colony, Ta. Nandod, Dist. Narmada	2007	Operational	2.64	OP	Obtained
24	Ahmedabad	Old Pirana Sewage Treatment Plant, Pirana Road, Behrampura	2001	Operational	106	UASB	CCA, Obtained valid up to 10/03/2016
25		Pirana Sewage Treatment Plant 60 MLTD in compound of 106 MLD STP, Pirana Road, Behrampura	2010	Operational	60	ASP	CCA, valid up to 11/04/2018
26		New Pirana Sewage Treatment Plant, Pirana Octroi Naka, Pirana Road, Ahmedabad	2001	Not in Operation	182	OP	CCA, reflected on 21/06/2011

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
27		New Pirana Sewage Treatment Plant (180MLD), Near 182 MLD STP. Pirana, Ahmedabad	2008	Operational	180	ASP	CCA, valid up to 11/04/2018
28		Old Vasna Sewage Treatment Plant Near V.N. Bridge, Narol Sarkhej High Way	2001	Operational	126	UASB	CCA, valid up to 10/03/2016
29		Vasna STP-135, between V.N. Bridge and Toll from Sabarmati, Vasna	2011	Operational	35	ASP	CCA, valid up to 11/04/2018
30		New Vasna STP, Narol-Sarkhje High Way	1995	Not in operational	76	OP	CCA Renewal Appln rejected on 26/05/2011
31		Vasna STP, 97/A/1, at Sabarmati River, Vasna	2011	Not in operational	240	ASP	CCA, valid up to 28/07/2018
32		AMC, Jalvihar, Old Vadarj	Proposed	Open Land, yet construction not started	60	-	Applied for CTE
33		AMC, Jalvihar, Near Bhavans College, Khanpur	Proposed	Open Land, yet construction not started	60	-	Applied for CTE

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
34	Sanand	Sanand	2015	Under Construction	20.5	Under Construction	STP Nagarpalika
35	Vallabh Vidhyanagar	Vill. Vallabh Vidhyanagar	1987 Old STP	STP not in working condition	-	-	-
36	Rajkot	Raiya STP, Vill. Raiya Rajkot Managar Palika Rajkot	1/10/2010	Operational	51	ASP	AWH-53277 Validity up to 17/03/2016
37		STP Rajkot Municipal Corporation S No. 61,64,111,120& 121 Paiki, Ishwarya Temple Road, Vill.- Madhapar, Dist. Rajkot	1/2/2004	Operational	12	ASP	AWH-52754 Validity up to 07/02/2015
38		STP of Rajkot Mahanagar Palika at Raiyadhar, Raiya Road, Rajkot	-	Under Construction	56	-	Applied for CTE
39		STP of Rajkot Mahanagar Palika at Gauridad, Ta & Dist. Rajkot	-	Under Construction	70	-	Applied for CTE
40	Surat	Block No. 1/P, 11/P 13to19 at Asarma, Ta. Choryasi, Dist. Surat	2009	In operational	15	ASP	Expired on 17/06/2014 and applied for renewal

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
41		Near Anand Park Society, Opp. Akhand Anand College	2003	In operational	155	ASP	Valid up to 05/02/2019
42		City S. No. 10 Paiky 11& 13 Paiky14, Final Plot 119	1958	In operational	82.5	UASB	Valid up to 28/03/2019
43		Survey No. 46, Vadod	2011	In operational	100	ASP	Valid up to 28/04/2016
44		Bhatar, SMC. Surat	1999	In operational	162	ASP	Valid up to 31/01/2019
45		S. No. 44,45,51, 56-62	1995	In operational	100	ASP	Valid up to 17/02/2019
46		Moje. Dindoli	2009	In operational	66	ASP	Valid up to 10/12/2018
47		Karanj, SMC, Surat	1999	In operational	142	ASP	Valid up to 09/03/2019
48		Vill. Khajod, Ta. Choryasi, Dist. Surat	2009	In operational	25	ASP	Expired on 17/06/2014 and applied for renewal
49		Block No. 128, Kosad Amroli Road, Kosad	2012	In operational	84	ASP	Expired on 18/04/2013 extension pending
50		Sandhpore Pardi, Valsad	1998	Operational	16	ASP	Not obtained
51		Jamnagar Municipal Corporation, Jamnagar	2015	Under Construction	70	ASP	CTE obtained

#### 4.12 STPs AT HARYANA

Haryana has 41 numbers of sewage treatment plants having treatment capacity of 852.7 MLD. 02 STPs of capacity 2.7 MLD are Non-Operational and 01 STP of capacity 45 MLD is under construction. Details of STPs of Haryana are shown in Table 13.

Table 13: STPs-Haryana

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Sonipat	Shiv road	Information not provided	Operational	35	UASB	Information not provided
2	Panipat	STP Panipat Dodala road, Siwah		Under Construction	45	UASB	
3		Jattal Road		Operational	25	UASB	
4	Gurgaon	Gurgaon-I		Operational	157.5	UASB	
5		Gurgaon-II		Operational	67.5	ASP	
6	Faribadab	Badshapur		Operational	45	SBR	
7		Mirjapur		Operational	45	SBR	
8		Pratapgarh		Operational	50	SBR	
9		Palwal		Operational	9	SBR	
10		Hodal		Operational	9	MBR	
11	Karnal	Sector-4		Operational	40	UASB	
12		Near Shv Colony WCJ	Operational	8	Oxidation Pond		
13		New Anaj Mandi Indri	Non Operational	1.5	oxidation Pond	Information not provided	
14	Gharonda Railway Road	Operational	3	oxidation Pond			
15	Bhadurgarh	Bhadurgarh	Operational		USB		
16		Bhadurgarh	Operational	36	SBR		
17	Jhajjar	Jhajjar	Operational	5.5	MBBR		
18	Kalanur	Kalanur	Operational	3.5	MBBR		

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status		
19	Bhiwani	Bhiwani Town Plant-I		Operational	20	SBR			
20		Bhiwani Town Plant-II		Operational	10	SBR			
21		Dardi Road Bhiwani		Operational	30	SBR			
22	Chakri Dadri	Chakri, Dadri		Operational	5	SBR			
23	Meham	Meham		Operational	5	MBBR			
24	Rohtak	Rohtak		Operational	10	SBR			
25	Rewari	Nasiaji Road Rewari		Operational	16	MBBR			
26		Kaluwat Village		Operational	6.5	MBBR			
27	Panchkula	STP Panchkula Sector 20		Operational	18	ASP			
28		STP Panchkula Sector 20		Operational	39	ASP			
29		STP Panchkula Sector 28		Operational	15	ASP			
30	Kalka	STP Kalka		Non Operational	1.2	EA			
31	Beri	STP, Beri Town		Information not provided	Operational	2		Oxidation Pond	Information not provided
32	Jind	STP, Jind			Operational	15		MBBR	
33	Uchana	STP, Uchana			Operational	4.5		EA	
34	Narvana	STP Narvana			Operational	3.5		MBBR	
35		STP- II No., Narvana			Operational	3.75		MBBR	
36	Kaithal	STP-SBR,			Operational	10		SBR	

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
37		STP-MBBR, Kaithal		Operational	10	MBBR	
38	Ambala	Ambala		Operational	4.5	MBBR	
39		STP Ambala City Naya Gaon		Operational	3.25	MBBR	
40	Yamuna Nagar	STP Yamuna Nagar- Radaur Road		Operational	25	UASB	
41		STP Yamuna Nagar- Baddi Majra		Operational	10	UASB	

#### 4.13 STPs AT HIMACHAL PRADESH

Himachal Pradesh has 66 numbers of sewage treatment plants having treatment capacity of 114.72 MLD. 30 STPs of capacity 35.21 MLD are under construction. Details of STPs of Himachal Pradesh are shown in Table 14.

Table 14: STPs-Himachal Pradesh

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Bilaspur	STP Ghumarawin	2005-2006	operational	1.2	ASP	RCOP valid upto 31.03.2016
2		STP Naina Devi ji	2005-2006	operational	1.35	ASP	RCOP valid upto 31.03.2016
3		STP Bilaspur	Information not provided		Non operational	1.5	Septic Tank

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4	Chamba	STP ChambaBarga	20.03.2008	operational	1.5	ASP	RCOP valid upto 31.03.2016
5		STP ChambaBhagot	25.02.2008	operational	0.898	ASP	RCOP valid upto 31.03.2011
6		STP Shitla Bridge	23.03.2010	operational	0.2	ASP	COE upto 2011
7	Hamirpur	STP Hamirpur, Distt. Hamirpur Zone II	06.08.2008	operational	1.35	ASP	RCOP valid upto 31.03.2015
8		STP Hamirpur, Distt. Hamirpur Zone I	23.01.2010	operational	3.13	ASP	RCOP valid upto 31.03.2015
9		STP Hamirpur, Distt. Hamirpur Zone III	23.01.2010	operational	0.68	ASP	Information not provided
10	STP Sujampur, Zone-II	Information not provided	Non operational	1.75	ASP		
11	STP Nadaun		Non operational	1.69			
12	Kullu	STP BhootnathKullu	2006-2007	operational	2.5	ASP	RCOP valid upto 31.03.2018
13		STP Manali	2006-2007	operational	1.82	ASP	RCOP valid upto 31.03.2016
14		STP Badah	2008-2007	operational	0.38	ASP	RCOP valid upto 31.03.2018
15		STP Lanka Baker	2009-2010	operational	2.57	ASP	RCOP valid upto 31.03.2015
16		STP Mela Ground (Bhunter)	2006-2007	operational	0.99	ASP	RCOP valid upto 31.03.2016
17		STP Sharabai (Bhunter)	2006-2007	operational	0.46	ASP	RCOP valid upto 31.03.2016

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18	Una	Una Zone-C	Information not provided	operational	Information not provided	ST	RCOP valid upto 31.03.2014
19		Mehatpur, D Distt. Una		operational		ST	COP is valid upto 31.03.2011
20		STP Sujanpur Zone-I		operational	1.5	EAP	RCOP valid upto 31.03.2015
21		STP, Santokhgarh, Distt. Una zone-II		Non operational	1.65	ASP	COE given on 01.10.2010
22		STP, Santokhgarh, Distt. Una zone-I		Non operational	786 user	Septic Tank/Soak pit	COE given on 01.10.2010
23		STP,Una zone-A		Non operational	2.53	ASP	COE given on 30.09.2014
24		STP Garget		Non operational	3.14	EAP	COE given on 11.12.2014
25	STP Una zone D		Non operational	0.63	ASP	COE gien on 30.09.2014	
26	STP Mehatpur ABC		Non operational	0.77	ASP	COE given on 02.06.2012	
27	Shimla	STP-North Disposal Shimla	2003	operational	5.8	EAP	RCOP valid upto 31.03.2016
28		STP Dhalli, Shimla	2003	operational	0.76	EAP	RCOP valid upto 31.03.2016
29		STP-Summer hill, Shimla	2003	operational	3.93	EAP	RCOP valid upto 31.03.2016
30		STP-Snowdown, Shimla	2003	operational	1.35	EAP	RCOPvalid upto 31.03.2016

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31		STP Rampur, (Khopri) Distt Shimla	Information not provided	operational	1	ASP	RCOP valid upto 31.03.2016
32		Rampur (Choohabag)		operational	0.5	ASP	RCOP valid upto
33		STP Rohroo		operational	1.015	EAP	RCOP valid upto 31.03.2016
34		STP SanjualiMalyana		operational	4.44	EAP	RCOP valid upto 31.03.2016
35		STP Lalpani		operational	19.35	Anaerobic System Aerobic System	RCOP valid upto 31.03.2016
36		STP Jubbal		operational	0.65	EAP	RCOP valid upto 31.03.2016
37		STP Narkanda		Non operational	0.45	EAP	COE given on 28.07.2010
38		STP Kotkhai Zone-I		Non operational	0.305	EAP	COE given on 09.06.2011
39		STP Kotkhai Zone-II		Non operational	0.16	EAP	COE given on 09.06.2011
40		STP Suni		Non operational	0.65	EAP	COE given on 28.11.2013
41		STP Theog		Non operational	1.15	EAP	COE given on 24.12.2015
42	Mandi	STP Khaliar, DisttMandi	2004-2005	operational	0.47	ASP	RCOP valid upto 31.03.2016
43		STP RaghunathKardhar, Mandi	2004-2005	operational	3.83	ASP	RCOP valid upto 31.03.2016
44		STP, Sunder Nagar, Distt. Mandi	2007-2008	operational	3.55	ASP	Without consent

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45		STP Rewalsar	Information not provided	Non operational	0.35	Aerobic Sludge Digestion	COE given on 15.01.2014
46		STP Sarkaghat, Distt. Mandi zone C		Non operational	1.67	EAP	COE given on 06.10.2008
47		STP at NeriKhadd, Joginder Nagar, Distt. Mandi	2009-2010	operational	1.735	EAP	RCOP valid upto 31.03.2015
48	Kangra	STP Dharamsala, Distt. Kangra	10.10.2006	operational	5.15	AD	RCOP valid upto 31.03.2018
49		STP Jwalamukhi, Distt. Kangra	19.10.2004	operational	3.66	AD	RCOP valid up to 31.03.2013
50		STP Palampur	2005	operational	0.351	AD	Without Consent
51		STP Kangra zone I		Non operational	1.68	EAP	COE given on 15.03.2008
52		STP Kangra zone II	Information not provided	Non operational	1.46	EAP	COE given on 15.03.2008
53		STP Kangra zone III		Non operational	0.59	EAP	COE given on 15.03.2008
54		STP Dehra		Non operational	1.38	Aerobic Sludge Digestion	COE given on 27.08.2008
55		STP Nagrota	29.03.2007	Non operational	1.34	ASP	COE given on 29.03.2007
56		STP Nurpur	Information not provided	Non operational	3.13	Aerobic Sludge Digestion	COE given on 06.09.2010
57		STP Bhangsunag		Non operational	0.224	ASP	COE given on 08.11.2011
58	Kinnaur	STP Rekong-peo, Distt. Kinnaur		operational	1	ASP	COP valid up to 31.03.2008

59	Solan	STP Solan Zone B		Non operational	2.9	EAP	COE given on 10.04.2008
60		STP Arki		Non operational	0.7	EAP	COE given on 06.02.2007
61	Sirmour	STP, Paonta Sahib Zone II		Non operational	1	ASP	COE given on 08.07.2008
62		STP, Paonta Sahib Zone III		Non operational	1.72	ASP	COE given on 08.07.2008
63		STP, Paonta Sahib Zone I		operational	0.44	ASP	COE given on 08.07.2008
64	Lahaul&Spiti	STP Keylong phase-I		Non operational	0.188	Septic Tank	COE given on 20.12.2008
65		STP Keylong phase-II	Information not provided	Non operational	0.289	Septic Tank	COE given on 20.12.2008
66		STP Keylong phase-III		Non operational	0.215	Septic Tank	COE given on 20.12.2008

#### 4.14 STPs AT JAMMU & KASHMIR

Jammu & Kashmir has 19 numbers of sewage treatment plants having treatment capacity of 264.74 MLD. 03 STPs of capacity 117 MLD are under construction and 01 STPs of capacity 02 MLD is non-operational. Details of STPs of Jammu & Kashmir are shown in Table 15.

Table 15: STPs-Jammu & Kashmir

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Jammu	Bhagwati Nagar	2009-10 (UEED-Jammu)	Operational	10	UASB	Applied
2		MPD/CPWD Satwari	2009	operational	1	ASP	Not applied
3	Reasikatra	KatraBhawan	2005	Non Operational	2	ASPA	-do-

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Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
4		Katra Basement, near Gita Mandir	2006	Operational	0.5	ASP	--do-
5	Jammu	Bhagwati Nagar	Likely to be commissioned in 2013-14 UEED Jammu	under construction	27	UASB	Not applied
6		Bhagwati Nagar	Likely to be commissioned in the year 2013-14 UEED Jammu	under construction	30	UASB	Not applied
7	Srinagar	Hazratbal ó Srinagar	2006	operational	7.5	MBBR	Applied
8		Habak	2006	operational	3.2	MBBR	Information not provided
9		Nishat	2006	-do-	4.5	MBBR	
10		Srinagar Barinambal	1993-94	-do-	17.1	ASP	
11		SKIMS Srinagar	-	-do-	2.4	ASP	
12		Nallah Amir khan Srinagar	2010-11 LAWDA	-do-	5.4	SBR	
13	Srinagar	Barinbal Srinagar	-do-	-do	16.1	SBR	
14		Barinbal Srinagar	-do-	-do-	7	SBR	
15		Noor Bagh	UEED Srinagar	Proposed/Under construction	60	ASP	
16		Alochibagh	2010-11	do	50.24	Not specified DPR	
17	Srinagar-Parimpora	Parimpora	2010-11	do	11.98	ASP	
18	Srinagar	Mujgund	UEED	do	3.82	SBR	

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
19		B.D.Cantt Srinagar	Under Army	do	5	ASP	

#### 4.15 STPs AT JHARKHAND

Jharkhand has 15 numbers of sewage treatment plants having treatment capacity of 117.24 MLD. Details of STPs of Jharkhand are shown in Table 16.

Table 16: STPs-Jharkhand

Sl.No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1.	Bokaro	IEL Gomia Township	50 years ago	Operational	1.6	SAS	No
2.		BSL Township(a) Sector 12	Not Known	Operational	10.4	Lagoon	Information not provided
3.		(b) Sector 6	Not Known	Operational	5.85	Lagoon	
4.		(c) Sector 11	Not Known	Operational	2.57	Lagoon	
5.		(d) Dhandabara	Not Known	Operational	11.4	Lagoon	
6.		(e) Camp II	Not Known	Operational	0.582	Lagoon	
7.		(f) BGH	Not Known	Operational	1.17	Lagoon	
8.	Jmshedpur	STP Kharkai	1952	Operational	16	ASP	31/12/2014
9.		STP Bara	1994	Operational	45	ASP	31/12/2014
10.		Baridih STP Unit-I	1952	Operational	4.5	OP	Up to 2013
11.		Baridih STP Unit-II	1964	Operational	7.65	OP	Up to 31/12/2013
12.	UCIL Jadugora, ES	Jadugoda STP	1995	Operational	4.086	ASP	Up to 31/12/2012
13.		NarwaPahar STP	1995	Operational	2	ASP	Up to 31/12/2012
14.	HCL Moubhandar	Moubhandar	1985	Operational	0.8	Classified	Up to 31/12/2007
15.		Moubhandar		Operational	3.636	Filtration	Up to 31/12/2007

#### 4.16 STPs AT KARNATAKA

Karnatakahas 57 numbers of sewage treatment plants having treatment capacity of 1304.16 MLD. 13 STPs of capacity 192.11 MLD are under construction. Details of STPs of Karnataka are shown in Table 17.

Table 17: STPs-Karnataka

Sl. No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Bangaluru	Nayandanahalli -I	Information not provided	Operational	180	Information not provided	Information not provided
2		Nayandanahalli -I		Operational	75		
3		Kempambudhi		Operational	1		
4		Nagasandra-Yemalur post, Chalaghatta Village-STP-I		Operational	163		
5		Nagasandra-Yemalur post, Chalaghatta Village-STP-II		Operational	55		
6		Nagasandra-Yemalur post, Chalaghatta Village-STP-III		Information not provided	Operational		
7	Kadabeesanahalli	Operational	50				
8	Bangaluru	Madiwala	Operational		4		
9	Nagasandra	Operational	20				
10	Hebbal	Operational	60				
11	Yelahanka	Operational	10				
12	Jakkur	Operational	10				
13	Rajacanal	Operational	40				
14	K.R. Puram	Operational	20				
15	Cubbon Park	Operational	1.5				
16	Lalbagh	Operational	1.5				
17	Ramanagar	Ramanagar	Operational	7.56			

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl. No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
18	Kolar	Kolar	Information not provided	Operational	10.16	Information not provided	Information not provided
19		Srinivasapura		Operational	3		
20	Chikballapura	Chikballapura		Under Construction	3.1		
21		Chintamanai		Yet to commission	2		
22	Chamarajnagar	Kollegal		Operational	3.34		
23		Chamarajnagar		Under Construction	9		
24	Hassan	Hassan		Operational	10		
25	Mandya	Chikkegowdana doddi, Mandya		Operational	9.2		
26		Guttahalu, Mandya		Operational	1.58		
27		Maddur		Operational	3.5		
28		Srirangapatana		Operational	1.39		
29	Mysore	Rayankere, Mysore		Operational	60		
30		Vidyaranyaपुरam, Maysorfe		Operational	67.65		
31		Kesare, Maysore		Operational	30		
32		Hunsur, Maysore		Operational	3.9		
33		K. R. Nagar		Operational	1.44		
34		K. R. Nagar		Operational	1.45		
35		Bannur		Operational	3.85		
36	Chikamagalur	Chikamagalur		Under Construction	25		
37	Karwar	Karkalla		Operational	1.5		
38		Bhatkalla		Operational	3.5		
39	Mangalore	Kavoor STP and Tertiary		In operational. Operating at 18	43.5		

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
		treatment Plant		MLD capacity			
40		Pachanady STP		Trail run	8.75		
41		Jeppinamogaru STP		Under Contstruction	20		
42		Surathkal STP		Under Contstruction	16.5		
43		Sullia, Mangalore		STP has installed, UGD work under construction	20		
44	Udupi	Udupi		Operational	12		
45				Operational	5.5		
46				Operational	3		
47	Bagalkote	Bagalkote		yet to commission	5		
48		Badam		Yet to commission	4.3		
49	Haveri	Haveri		Under Contstruction	4.71		
50		Ranebennur		Yet to commission	7.5		
51	Bellary	Ananthpur		Operating	30		
52		Cowl bazar		Operating	15		
53	Gulbarga	Gulbarga		Under Contstruction	55		
54	Raichur	Raichur	Information not provided	Under Contstruction	20		Information not provided
55	Davangere	Davangere		Operational	19.45		
56	Bhadravati	Bhadravati		Operational	5.83	Information not provided	
57	Tumkur	Tumkur		Operational	25		

#### 4.17 STPs AT KERALA

Kerala has 10 numbers of sewage treatment plants having treatment capacity of 152.97 MLD. Out of 10 STPs, 01 STP of capacity 03 MLD is Non-Operational and 03 STPs of capacity 37.1 MLD are under construction. Details of STPs of Kerala are shown in Table 18.

Table 18: STPs-Kerala

Sl. No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Thiruvananthapuram	Muttathara,	01.11.2013	Operational	107	ASP with extended aeration	Consent issued on 03.03.2014 valid upto 31.03.2016
2	Ernakulam	Marine Drive-GCDA-STP	1984	Operational	0.6	ASP with extended aeration	Under Processing
3		KWA STP at Elamkulam	1970	Operational	4.5	ASP	Consent to Operate valid upto 30.06.2015
4	Kottayam	Kumarakam(Common STP for House Boat)	2007	Operational	0.09	Diffused aeration attached growth process	Consent valid upto 30.06.2015
5	Alappuzha	Kunnumma village (Common STP for House Boat)	2014	Operational	0.18	Electrolytic coagulation	Consent expires on 31.12.2014 Applied for renewal
6	Kannur	Thaliparamba	2013	Operational	0.5	ASP	Not applied for consent

Sl. No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
7	Guruvayoor Municipality	Chakkamkanda	STP Units Constructed 4 years back	Non-Operational	3	ASP	Consent issued valid upto 21.03.2011 Not applied for renewal
8	Kollam	Kureepuzha	Information not provided	Construction not started	11.6	MBBR	Consent to establish issued valid upto 04.04.2014 applied for renewal
9	Kochi	Mundenvely		Construction not started	12	MBBR/SBR	Consent to establish issued valid upto 25.05.2014
10	Kozhikode	Karimpanampalam	Information not provided	Construction not started	13.5	MBBR	Consent to establish issued 11.05.2010 valid upto 10.05.2013 applied for renewal

#### 4.18 STPs AT LAKSHADWEEP

Lakshadweep has zero number of sewage treatment plant.

#### 4.19 STPs AT MADHYA PRADESH

Madhya Pradesh has 17 numbers of sewage treatment plants having treatment capacity of 482.23MLD. Out of 17 STPs, 03 STPs of capacity 6.75 MLD are Non-Operational. Details of STPs of Madhya Pradesh are shown in Table 19.

Table 19: STPs-Madhya Pradesh

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Ujjain	Ujjain	Information not provided	Operational	52	Waste stabilization pond	Information not provided
2		Sadaval	2001	Operational	53	OPS Karnal Technology	Not obtained
3	Gwalior	Laltipara	1.11.2010	Operational	50	WSP	consent obtained
4	Indore	Kabitkhedi,	2006	Maintained & running by IMC through contractor	78	USAB	Not obtained
5		Kabitkhedi,	2009	Maintained & running by IMC through contractor	12	USAB	Not obtained
6	Burhanpur	Burhandpur	2009	Not in working condition	6	OP	Not obtained
7	MC Jabalpur	Gwarighat	2012	Operational	150	FAB	Not obtained
8	MC Bhopal	Maholi Dhamkheda	15/10/01	Operational	25	WSP	valid upto 31/12/13
9		Badwai	15/10/01	Operational	17	Oxidation pond	valid upto 31/12/13
10		Gondermau	15/10/01	Operational	2.36	Oxidation pond	valid upto 31/12/13
11		Kotra Singhpur	15/10/01	Operational	10	WSP	valid upto 31/12/13
12		(NRCP) Ekant Park	2008	Operational	8	Oxidation pond	Not obtained
13		Bawadia Kalan	1975	Operational	13.56	Oxidation pond	Not obtained
14		Bio-Filtration Mata Mandir	1959	Operational	4.56	Bio-Filtration Plant	Not obtained

[INVENTORIZAZION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
15	Nagda	Nagda	Information not provided	Non operational		Karnal Technology	Information not provided
16	Vidisha	Vidisha		Operational		Karnal Technology	
17	Keolari	Keolari		Non operational	0.75	Karnal Technology	

4.20 STPs AT MAHARASHTRA

Maharashtra has 76 numbers of sewage treatment plants having treatment capacity of 5160.36MLD. 10 STPs of capacity 344.5 MLD are Non-Operational and 06 STPs of capacity 131.96 MLD are under construction. Details of STPs of Maharashtra are shown in Table 20.

Table 20: STPs-Maharashtra

Sl.No.	City/Town	STP Location	STP commissioned in	Status(Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (MLD)	Technology (UASB/ASP/OP/SBR/ MBR/FAB ETC.)	Consent Status
1	Amravati	Two at Lalkhedi Amravati	Apr.13	Operational	30.5	ASP	Applied
2			Dec.12	Non operational	44	ASP	Applied
3	Aurangabad	CIDCO STP Near Airport	1998	Operational	6.5	ASP	Applied
4		Near Salim Ali Sarovar Hudco	Feb.2013	Operational	5	SBR	Applied
5	Bhiwandi Nizampur	Katai	Operational	Operational	17	Digester and Chlorination with sludge lagoons	Applied
6			Under construction	Under construction	13		Applied
7	Chandrapur	Pathanpura	Under commissioning	Under commissioning	25	ASP	Not applied

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

Sl.No.	City/Town	STP Location	STP commissioned in	Status(Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (MLD)	Technology (UASB/ASP/OP/SBR/MBR/FAB ETC.)	Consent Status
8		Rahamat Nagar	Under commissioning	Under commissioning	45	ASP	Not applied
9	Kalyan Dombivali	Adharwadi	1978	Non Operational	16	Primary Clarifier	Applied
10		Motagaon	1980	Non Operational	14	SBR	Applied
11		Barave	Jan.13	Operational	15	SBR	Applied
12		Adharwadi	Jan.13	Operational	25	SBR	Applied
13		Chinchpada	final stage of commissioning	Non Operational	40	SBR	Applied
14		Motagaon	final stage of commissioning	Non Operational	40	SBR	Applied
15		Titwala east	Information not provided	Non Operational	2	SBR	Applied
16		Titwala west	Information not provided	Operational,	1	SBR	Applied
17		Kolhapur	Kasba Bawda	1974	Operational	43.5	Primary Clarifier,
18	Kasba Bawda		2014	Operational	76	Trickling Filter, SBR	Applied
19	Mira Bhaindar	Jessel Park	2008	Operational	2	ASP	Applied
20		Shrusti complex	2008	Non operational	1.5	ASP	Applied
21	Greater Mumbai	Colaba	1988	Operational	41.1	Primary & Secondary treatment , Aerated Lagoons	Applied

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl.No.	City/Town	STP Location	STP commissioned in	Status(Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (MLD)	Technology (UASB/AS P/OP/SBR/ MBR/FAB ETC.)	Consent Status
22		Love Grove, worli	1990	Operational	756.9	Primary & Secondary treatment , Aerated Lagoons	Applied
23		Bandra	2003	Operational	796.9	Primary & Secondary treatment , Aerated Lagoons	Applied
24		Versova	1992	Operational	180	Primary & Secondary treatment , Aerated Lagoons	Applied
25		Malad	1998	Operational	240	Primary & Secondary treatment , Aerated Lagoons	Applied
26		Bhandup	2002	Operational	280	Primary & Secondary treatment , Aerated Lagoons	Applied
27		Ghatkopar	2003	Operational	300	Primary & Secondary treatment , Aerated Lagoons	Applied
28		Charkop	2009	Operational	6	Primary & Secondary treatment , Aerated Lagoons	Applied

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl.No.	City/Town	STP Location	STP commissioned in	Status(Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (MLD)	Technology (UASB/ASP/OP/SBR/MBR/FAB ETC.)	Consent Status
29	Nagpur	Bhandewadi,	Mar-01	Operational	100	ASP, Primary Clarifier, secondary, tertiary	Applied
30	Nanded Waghela	Bondar	26/03/97	Operational	87	ASP	Applied
31		Elichpur	Information not provided	Operational	30	ASP	Applied
32	Nashik	Tapovan 1	2003	Operational	78	UASB reactor	Applied
33		Tapovan 2	2010	Operational	52	ASP	Applied
34		Panchak 1	2003	Operational	7.5	ASP	Applied
35		Panchak 2	2012	Operational	21	ASP	Applied
36		Chehadi 1	2006	Operational	22	ASP	Applied
37		Chehadi 2	2012	Operational	20	ASP	Applied
38		Navi Mumbai	CBD Belapur	6/10/2011	Operational	19	SBR
39	Nerul sec.50		15/04/08	Operational	100	ASP	Till 31/05/2017
40	Sanpada		15/04/12	Operational	37.5	ASP	Till 31/05/2017
41	Vashi		30/06/08	Operational	100	ASP	Till 31/05/2017
42	Kopar khairane		1/1/2012	Operational	87.5	ASP	Till 31/05/2017
43	Airoli		30/04/08	Operational	80	ASP	Till 31/05/2017
44	Nerul sec.2		taken from cidco	Operational	10	ASP	Till 31/05/2017
45	Ghansoli		22/06/10	Operational	27	ASP	Till 31/05/2017

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl.No.	City/Town	STP Location	STP commissioned in	Status(Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (MLD)	Technology (UASB/ASP/OP/SBR/MBR/FAB ETC.)	Consent Status
46		Kamothe	Feb.2012	Operational	85	ASP	Till 31/05/2017
47		Kalamboli	Dec.11	Operational	50	ASP	Till 31/05/2017
48	Pimpi Chinchwad	Chikali Phase-I	1987	Operational	16	ASP	Applied
49		Chikali Phase-II	2000	Operational	16	SBR	Applied
50		Chinchwad Phase I	2000	Operational	30	FAB	Applied
51		Chinchwad Phase II	2008	Operational	30	FAB	Applied
52		Kasarwadi Phase I	1999	Operational	40	FAB	Applied
53		Kasarwadi Phase II	2003	Operational	40	FAB	Applied
54		Kasarwadi Phase III	2010	Operational	40	FAB	Applied
55		Sangvi Phase I	2001	Operational	15	FAB	Applied
56		Sangvi Phase II	2012	Operational	20	FAB	Applied
57		Pimpale Nilakh	2007	Operational	20	FAB	Applied
58		Ravet	2009	Operational	20	FAB	Applied
59		Charoli	2012	Operational	21	FAB	Applied
60		Akurdi	2011	Al Operational	30	FAB	Applied
61		Pune	Erandawane	2004	Operational	50	Extended aeration
62	Bopodi		2004	Operational	18	Extended aeration	Applied
63	Bahiroba		2003	Operational	130	ASP	Applied
64	Tanajiwadi		2004	Operational	17	Biotower with Extended aeration	Applied
65	Vitthalwadi		2009	Operational	32	Extended aeration	Applied
66	Baner		2010	Operational	30	SBR	Applied

Sl.No.	City/Town	STP Location	STP commissioned in	Status(Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (MLD)	Technology (UASB/AS P/OP/SBR/ MBR/FAB ETC.)	Consent Status
67		Mundhava	2009	Operational	45	SBR	Applied
68		Kharadi	2012	Operational	40	SBR	Applied
69	Sangli Miraj Kupwad	Sangli 100 Ft road	1976	Non Operational & under construction	12.76	Primary, OP	Applied
70		Bedag road , Miraj	1976	Non Operational & under construction	9.2	Primary, OP	Applied
71		Dhulgaon	commissioning	Under commissioning	27	Primary, OP	Applied
72	Solapur	Solapur	Information not provided	Non Operational	55	Primary	Applied
73	Thane	Kopri	17/02/12	Operational	120	SBR, ( C-Tech)	31.12.16
74		Kalwa	not started	Non Operational	100	SBR, ( C-Tech)	Information not provided
75		Mumbra	not started	Non Operational	32	SBR, ( C-Tech)	
76	Ulhasnagar	Khande Golivali	2006	Operational	28	Digester and Chlorination	Applied

#### 4.21 STPs AT MANIPUR

Manipur has zero number of sewage treatment plants.

#### 4.22 STPs AT MEGHALAYA

Meghalaya has 1 sewage treatment plant having treatment capacity of 1 MLD. 1STP of capacity 1 MLD is Non Operational at Shillong. Details of STPs of Meghalaya are shown in Table 21.

Table 21: STPs-Meghalaya

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Shillong	NEIGRIHMS, Mawdiandiang, East Khasi Hills District	04.07.2006	Non - Operational	1	ASP	30.06.2012

#### 4.23 STPs AT MIZORAM

Mizoram has 01 sewage treatment plant having treatment capacity of 10 MLD. 01 STP of capacity 10 MLD is Under Construction at Aizawal Mizoram. Details of STPs of Mizoram are shown in Table 22.

Table 22: STPs-Mizoram

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Aizawal Mizoram	Bethlehem Vengthlang (on the bank of Chite stream)	Information not provided	Under Construction	10	PS+ASP	CoE in 2011, renewed on 2012

#### 4.24 STPs AT NAGALAND

Nagaland has zero number of sewage treatment plants.

#### 4.25 STPs AT ODISHA

Odisha has 13 numbers of sewage treatment plants having treatment capacity of 385.54MLD. 6STPs of capacity 227.5 MLD are Under Construction. Details of STPs of Odisha are shown in Table 23.

Table 23: STPs-Odisha

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Roulkela	STP-I: Steel Township sector-14	July,2007	Operational	18	OP	31.03.2016
2		STP-II: Steel Township Sector-22	March,2005	Operational	3.24	OP	
3	OCL, Rajgangpur	Township Area-STP1	25.03.2011	Operational	43.2	SBR	31.03.2015
4		Line-2 Step-2	May,2011	Operational	7.2	SBR	
5	L&T Kansbahal	STP	20-09-1990	Operational	38.4	SBR	31.3.2015
6	Cuttack	Mattagajpur	Jun-05	Operational	33	OP	The CMC has applied Consent on 20.08.2014 & is under process.(This STP will be Dismantled )
7		Mattagajpur	Information not provided	Under Construction	16	ASP	Obtained Consent to establish from the board
8		Bidanasi	Information not provided	Under Construction	36	ASP	Obtained Consent to establish from the board

9	Puri	Mangalaghat	2013	Operational	15	ASP	The Municipality has not obtained Consent to establish & Consent to operate from the Board
10	Bhubaneswar	Rokta	Information not provided	Under Construction	48	ASP	The BMC has obtained Consent to establish from the Board
11		Meherpalli		Under Construction	56	ASP	Obtained Consent to establish from the Board
12		Kochilaput		Under Construction	43.5	ASP	obtained Consent to establish from the Board
13		Basuaghai		Under Construction	28	ASP	obtained Consent to establish from the Board

#### 4.26 STPs AT PUDUCHERRY

Puducherry has 06 numbers of sewage treatment plants having treatment capacity of 68.5 MLD. 03 STPs of capacity 51 MLD are Under Construction. Details of STPs of Puducherry are shown in Table 24.

Table 24: STPs-Puducherry

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Lawspet, Puducherry	Sewage Farm, Lawspet, Puducherry	Information not provided	Operational	12.5	Oxidation Pond	Information not provided
2		Sewage Farm, Lawspet, Puducherry		Operational	2.5	UASB	
3		Sewage Farm, Lawspet, Puducherry		Under Construction	17	SBR	
4	Dubrayapet, Puducherry	Dubrayapet, Puducherry		Operational	2.5	UASB	
5		Dubrayapet, Puducherry		Under Construction	17	SBR	
6	Reddiarpalyam, Puducherry	Kanaganeri, Reddiarpalyam, Puducherry		Under Construction	17	SBR	

#### 4.27 STPs AT PUNJAB

Punjab has 86 numbers of sewage treatment plants having treatment capacity of 1245.45MLD. 04 STPs of capacity 15.2 are Non-Operational, 31 STPs of capacity 276.7 MLD are Under Construction and 13 STPs of capacity 32.1 MLD are proposed. Details of STPs of Punjab are shown in Table 25.

Table 25: STPs-Punjab

Sl. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
1	Ludhiana	Bhattian	2007	Operational	111	UASB	Not Obtained
2	Ludhiana	Bhattian	2012	Operational	50	SBR	Not Obtained
3	Ludhiana	Jamalpur	2008	Operational	48	UASB	Not Obtained

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

SI. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
4	Ludhiana	Baloke	2008	Operational	152	UASB	Not Obtained
5	Ludhiana	Baloke	2011	Operational	105	SBR	Consent to operate under Water Act, 1974 had been expired on 15.03.2012 .
6	Nawanshahr	Village Gujarpur	Information not provided	Under Construction	6	SBR	Not Applied
7	Banga	At Happowal Road Banga		Under Construction	3	SBR	Not Applied
8	Hoshiarpur	Jalandhar Bypass		Under Construction	30	MBBR	Not Applied
9	Tanda	At Tanda to Miani Road		Under Construction	4	MBBR	Not Applied
10	Mukerian	Village Attalgarh		Under Construction	4	MBBR	Not Applied
11	Dasuya	Near Model Town, Dasuya (Dasuya to Miani Road)	2013	Operational	4	Waste Stabilization Ponds	Not Applied
12	Sham Churasi	Sham Churasi	- Information not provided	Under Construction	1	Waste Stabilization Ponds	Not Applied
13	BBMB Township, Talwara	BBMB Township	2013	Operational	8	SBR	Granted
14	Municipal Council, Fazilka	Fazilka	2007	Operational	8	WSP	Not obtained
15	Municipal Council, Abohar, Distt. Fazilka	Abohar	Yet to commission	Under construction	25	SBR	Not obtained

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
16	Municipal Council, Jalalabad (w), Distt. Fazilka	Jalalabad (w)	2013	Operational	8	MBBR	Not obtained
17	Municipal Council, Talwand Bhai, Distt. Ferozepur	Talwandi Bhai	Yet to commission	Under construction	4	MBBR	Not obtained
18	Municipal Council, Zira, Distt. Ferozepur	Zira	2014	Operational	8	MBBR	Not obtained
19	Nagar Panchayat, Makhu, Distt. Ferozepur	Makhu	Yet to commission	Under construction	4	MBBR	Not obtained
20	Municipal Corporation, Moga	Moga	2013	Operational	27	SBR	Not obtained
21	Municipal Council, Dharamkot, Distt. Moga	Dharmkot	Yet to commission	Under construction	4	MBBR	Not obtained
22	Municipal Corporation, Bathinda	Bathinda	2013	Operational	52	SBR	Not applied /obtained
23	Municipal Council, Rampura Phul	Rampura	2012	Operational	7.5	MBBR	Not applied /obtained
24	Municipal Council, Bhucho Mandi	Bhucho	2013	Operational	3	OP	Not applied /obtained

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
25	Nagar Panchayat, Kotfatta	Kotfatta	2014	Operational	1.5	OP	Not applied /obtained
26	Municipal Council, Mour	Maur	Not installed	Under construction	N.A.	NA	Not applied /obtained
27	Municipal Council, Raman Mandi	Raman Mandi	Not installed	Under construction	N.A.	NA	Not applied /obtained
28	Municipal Council, Sangat Mandi	Sangat	Not commissioned yet	Not yet operated	1.5	OP	Not applied /obtained
29	Municipal Council, Goniana	Goniana	2013	Operational	3	OP	Applied and under process
30	Nagar Panchayat, Talwandi Sabo	Talwandi Sabo	2013	Operational	3	SBR	Not applied /obtained
31	Municipal Council, Mukatsar	Balamgarh Road	2012	Non Operational	3.5	MBBR	Not applied /obtained
32		Balamgarh Road	2012	Non Operational	5.7	MBBR	Not applied /obtained
33		Jalaalabad Road	2012	Operational	8.7	MBBR	Not applied /obtained
34	Municipal Council, Malout	Malout	Not commissioned yet	Under construction	N.A.	NA	Not applied /obtained
35	Municipal Council, Gidderbaha	Gidderbaha	Not commissioned yet	Under construction	N.A.	NA	Not applied /obtained
36	Nagar Panchayat, Bari Wala	Bariwala	Not installed	Construction not yet started	N.A.	NA	Not applied /obtained
37	Municipal Council, Mansa	Mansa	2014	Operational	14	MBBR	Not applied /obtained
38	Municipal Council, Budhlada	Budhlada	2014	Operational	6.5	MBBR	Not applied /obtained

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

SI. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
	hlada						
39	Municipal Council, Bareta	Bareta	Not commissioned yet	Not yet operated	N.A.	OP	Not applied /obtained
40	Nagar Panchayat, Sardulgarh	Sardulgarh	2014	Operational	4	OP	Not applied /obtained
41	Nagar Panchayat, Bhikhi	Bhikhi	2014	Operational	3	OP	Not applied /obtained
42	Sri Hargobindpur	Near village Rampur, Talwara	2014	Non-operational	1	Stabilization Ponds	Not obtained
43	Dera Baba Nanak	Dera Baba Nanak	2014	Operational	1.5	Stabilization Ponds	Not obtained
44	Pathankot	Near ladochak village	2014	Under construction	27	SBR	Not obtained
45	Samana Distt. Patiala	Sehajpura Road, Samana	2010	Operational	10	SBR	Not obtained
46	Adampur	Adampur	-	Proposed	4	-	Information not provided
47	Alawalpur	Adampur	Information not provided	Proposed	1	-	
48	Nakodar	Nakodar	31.10.2014	Under construction	6	SBR	
49	Nurmahal	Nurmahal	Information not provided	Proposed	4	-	
50	Shahkot	Shahkot		Proposed	3	-	
51	Goraya	Goraya		Proposed	4	-	
52	Phillaur	Phillaur	2001	Operational	2.6	Duckweed	
53			30.09.2014	Under construction	3	SBR	
54	Lohian	Lohian	-	Proposed	1.5	-	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
55	Phagwara	Phagwara	2008	Operational	20	UASB	Information not provided
56			2014	Under stabilization	8	MBBR	
57			30.09.2014	Under construction	8	MBBR	
58	Jalandhar	Jalandhar Pholriwal	2008	Operational	100	UASB	
59		Pholriwal	2011	Operational	25	SBR	
60		Pholriwal	30.09.2014	Under construction	25	SBR	
61		STP on Kapurthala Road, Jalandhar	30.06.2014	Under stabilization	50	SBR	
62		at Jaitewali, Hoshiarpur Road, Jalandha	30.09.2014	Under construction	25	SBR	
63		STP at Bhambiawali, G.T Road, Jalandhar	31.10.2014	Under construction	10	SBR	
64	Kartarpur	Kartarpur	-	Proposed	4	-	
65	Kapurthala	Kapurthala	2006	Operational	25	UASB	
66	Bholath	Bholath	05.02.2014	Under stabilization	4	WSP	
67	Bhogpur	Bhogpur	-	Proposed	4		
68	Begowal	Begowal	30.07.2014	Under construction	2.5	SBR	
69	Sultanpur Lodhi	Sultanpur Lodhi-I	2003	Operational	2.6	WSP	
70		Sultanpur Lodhi-II	Information not provided	Proposed	2.6	Information not provided	
71	Dhilwan	Dhilwan		Proposed	2.5		

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
72	Naya Nangal	Naya Nangal	1994	Operational	8	ASP	Not Obtained
73	BBMB Township	Naya Nangal	1991	Operational	6.75	ASP	Obtained, expired on 31/03/2010
74	Naya Nangal	Naya Nangal	Information not provided	Under Construction (Likely to be commissioned by 30/09/2014)	5	MBBR	Information not provided
75	Anandpur Sahib	Anandpur Sahib	Feb, 2010	Operational	8	MBBR	Obtained, expired on 31/12/2013
76	Zirakpur	Village Singhpura, Tehsil Dera Bassi.	Sept, 2013	Operational	17.3	SBR	Obtained
77	Roopnagar	Vill Badi Haveli	1/7/2013	Operational	10	SBR	Not obtained
78	Roopnagar	Vill Sadabarat	About 2-3 weeks back	Operational	2	SBR	Not obtained
79	Roopnagar	Vill Rasoolpur	About 2 months back	Operational	2.5	SBR	Not obtained
80	Chamkaur Sahib	Bela Road, Chamkaur Sahib	Information not provided	Under construction (90 % work completed) (Likely to be commissioned by 30/09/2014)	1.7	SBR	Information not provided
81	Kharar	Kharar		Under construction (60 % work completed)	11	SBR	
82	Kurali	Kurali	Information not provided	Construction almost complete	5	SBR	Information not provided

SI. No.	City/ Town	STP location	STP commissioned in (Year)	Status (Operational/ Non-operational/ under construction)	STP installed capacity	Technology(UASB /ASP/ OP/ SBR/ MBR/ FAB etc.	Consent status
83	Jaula Kalan	Jaula Kalan		Under construction	Information not provided	Oxidation pond based on settled sewage system	
84	Lalru	Lalru		Under construction, will be commissioned within 06 months	1.5	SBR	
85	Mohali	Mohali	9/9/2009	Operational	45	UASB	Not obtained
86	Machhiwara	Machhiwara, Ludhiana	Yet to be commissioned	Under construction	4	SBR	NA

#### 4.28 STPs AT RAJASTHAN

In Rajasthan, there are 63 numbers of sewage treatment plants with capacity of 865.92 MLD. Out of 63 STPs, 11 STPs of capacity 149.3 MLD are Under Construction and 36 STPs of capacity 322.12 MLD are proposed. Details of STPs of Rajasthan are shown in Table 26.

Table 26: STPs-Rajasthan

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Jaipur	Swaran Jayanti Park, Vidyadhar Nagar	2014	Operational	1	MBBR	CTO 04.03.2014
2		Gajodhar Pura	2013	Operational	30	ASP	CTO 09.09.2013
3		Amer Road	2008	Operational	27	ASP	CTO 1.8.2007
4		Delawas-I	2006	Operational	62.5	ASP	CTO 25.02.2010

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status	
5		Delawas-II	2010	Operational	62.5	ASP	CTO 01.07.2011	
6		Jaisinghpura Khor	2010	Operational	50	ASP	CTO 16.06.2011	
7		Central Park	Information not provided	Under Construction	1	MBBR	CTE 13.07.2010	
8		Ralawata		Under Construction	30	ASP	CTE 17.08.2010	
9		Jawahar Circle	2010	Operational	1	MBBR	CTO 03.06.2010	
10		Sahakar Marg	Information not provided	Proposed	2	Information not provided	Application for CTE/CTO not applied	
11		Talkatora		Proposed	1		Application not submitted	
12		JDA Ramniwas Garden	2011	Operational	1	MBBR	CTO 26.04.2011	
13		Alwar	Agayara Ramgarh	2012	Operational	20	WSP	CTO 17.01.2013
14			Bhiwadi	2012	Operational	4	SBR	CTO 26.03.2012
15		Jodhpur	PHED Nandari	Information not provided	Operational	20	Anaerobic & Facultative Ponds	CTE 31.01.2007
16			Salawas (Phase - II)		Proposed	50	ASP	CTE Under Consideration
17	Salawa (Phase - I)		2011	Operational	50	ASP	CTE 29.10.2012	
18	Sawaimadhpur	Sawaimadhpor	2012	Operational	10	Facultative stabilization Ponds	CTO 26.10.2012	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
19	Bikaner	Vallabha Garden	2007	Operational	20	Anaerobic Lagoors Fceulative lessons	CTO application dated 29.03.2012 under construction
20		Bhilwara Sewage	Information not provided	Proposed	4.5	ASP	CTE 27.05.2013
21	Bhilwara	Bhilwara Sewage	2012	Operational	5.5	ASP	CTO issued 6.12.2012
22	Udaipur	Eklingpura,	2014	Operational	20	MBBR	CTO 11.03.2014
23	Rajsamand	PHED Pratappura	Information not provided	Proposed	5	UASBR	CTE 30.07.2012
24		Nathdwara		Constructed	4.3	Information not provided	Application for CTE/CTO not applied
25	Kota	Kishopura, Ladpura		Under Construction	30	SBR	CTE 31.10.2012
26		Balita Ladpura		Under Construction	6	SBR	CTE 26.10.2012
27		Dad Devi Road, Village Dhakad Kheri, Tehsil Ladpura		Constructed	20	Information not provided	Application for CTE/CTO not applied
28	Jaisalmer	Kisan Ghat		Under Construction	10	Anaerobic & Facultative Ponds	CTE 22.02.2013
29	Ajmer	Kishangar		Under Construction	10	Anaerobic & Facultative Ponds	CTE 13.05.2009

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
30		Ganahera Pushkar		Proposed	3.5	Waste stabilization ponds	CTE 17.08.2012
31		Anasagar	Information not provided	Proposed	13	ASP	CTE 22.08.2012
32		Khanpura		Proposed	40	ASP	CTE 26.10.2012
33		Khanpura		Under Construction	20	ASP	CTE 12.04.2006
34	Dholpur	Tagawali Village Rajkhera, Dholpur RUIDP STP		Under Construction	10	UASB	CTE 19.09.2012
35	Bundi	Devpura		Under Construction	8	Waste stabilization ponds	CTE 31.07.2012
36	Pali	Sumerpur Pali		Proposed	10	Waste stabilization ponds	CTE 19.09.2012
37	Jalore	Jalore		Proposed	10	Waste stabilization ponds	CTE Under Consideration
38	Nagor	Didwana		Proposed	5	SBR	CTE 23.09.2014
39		Balwa Road		Proposed	8	Waste stabilization ponds	CTE 19.09.2012
40	Barmer	Barmer		Proposed	10	Waste stabilization ponds	CTE 19.09.2012
41	Karoli	Karoli		Proposed	5	UASB	CTE 07.08.2012
42	Bharatpur	Gopal Nangla		Proposed	8	SBR	CTE 13.08.2012

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status	
43	Chittorgarh	Bhoikhera		Proposed	5	UASB	CTE 20.01.2012	
44	Sirohi	Mont Abu	Information not provided	Proposed	6	ASP	CTE issued 17.08.2012	
45	Sikar	Fatehpur Shekhawati		Proposed	7.5	SBR	CTE 19.09.2013	
46		Nani Beed Sikar		Proposed	10	Information not provided	Application for CTE/CTO not applied	
47		Devipura Beed Sikar		Proposed	5	Information not provided	Application for CTE/CTO not applied	
48		Sikar		Proposed	10	UASB	CTE 26.10.2012	
49		Jhunjhunu		Bagar Road Muncipal Council	Proposed	8.5	UASB	CTE Under Consideration
50		Churu		Gaisar Churu	Proposed	7	WSP	CTE 13.08.2012
51	Nagar Palika Sardar Shar			Proposed	4	Waste stabilization ponds	CTE 19.09.2012	
52	Nagar Palika Sardar Shar			Proposed	9.6	WSP	CTE 19.09.2012	
53	Bikaner	Nathaniya Village		Proposed	12	MBBR	CTE 22.08.2012	
54	Hanumangarh	Abhohar Bypass Near Railway Track, Hanuman Jun.		Proposed	7.5	Waste stabilization ponds	CTE 21.09.2012	

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
55		Near Ganganagar Road Chak 3KNT		Proposed	5	upflow anaerobic sludge blanket followed by holding ponds	CTE 19.09.2012
56	Jhalawar	Jhalrapatan	Information not provided	Proposed	3	WSP	CTE issued 24.01.2013
57		Jhalrapatan		Proposed	6	ASP	CTE issued 04.04.2013
58	Tonk	Tonk		Proposed	1.016	Septic tank with anaerobic Filter	CTE 03.05.2011
59	Nagur	Makarana		Proposed	6	SBR	CTE 03.09.2013
60	Sriganganagar	Suratgarh Road		Proposed	10	ASP	CTE Under Consideration
61		Idagah Ponding		Proposed	10	ASP	CTE Under Consideration
62		Sugar Mil Ponding		Proposed	15	ASP	CTE Under Consideration
63	Balotra	Balotra		Proposed	9	SBR	CTE Under Consideration

#### 4.29 STPs AT SIKKIM

Sikkim has 11 numbers of sewage treatment plants having treatment capacity of 31.88MLD. 01 STP of capacity 05 MLD is Non-Operational at Adampool in Gangtok, 09 STPs of capacity 18.11 MLD are Under Construction. Details of STPs of Sikkim are shown in Table 27.

Table 27: STPs-Sikkim

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status	
1	Gangtok	Adampool	1987	Non Operational	5	Trickling Filter	Information not provided	
2		Adampool	2011	Operational	8	FAB		
3		Adampool	Information not provided	Under Construction	4.69	FAB		
4		Lower Sichey		Under Construction	3.9	FAB		
5		Rainpool		Under Construction	1.27	MBR		
6		Lower Syari		Under Construction	1.6	SBR		
7		Singtam		Singtam	Under Construction	0.66		MBR
8		Rangpo		Rangpo	Under Construction	0.96		MBR
9		Namchi		Namchi	under Construction	3.62		FAB
10		Jorethang		Jorethang	under Construction	1.7		WSP
11		Melli		Melli	Under Construction	0.48		MBR

#### 4.30 STPs AT TAMILNADU

Tamil Nadu has 73 numbers of sewage treatment plants having treatment capacity of 1799.72MLD. 01 STP of capacity 5.17 MLD is Non-Operational at Virapalayam in Erode district, 28 STPs of capacity 521.08 MLD are Under Construction and 11 STPs of capacity 132.64 MLD are proposed. Details of STPs of Tamil Nadu are shown in Table 28.

Table 28: STPs-Tamil Nadu

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Ambattur	Sewage Treatment Plant	Information not provided	Under construction	7	STP	Information not

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status		
		Pumping Station, TNHB Colony, Ayapakkam					provided		
2	Ariyalur	M/s.Sewage Treatment plant for perambalur Municipality, Perambalur District	Information not provided	Under Operation	4.20	Conventional activated sludge process with aeration	Information not provided		
3		M/s.Ariyalur Municipality Sewage Treatment Plant, Ariyalur District		Under construction	4.16	Conventional activated sludge process with aeration			
4	Chennai	Kondungaiyur (a)		In operation	110	Conventional			
5		(b)		In operation	80	Conventional			
6		©		In operation	80	Conventional			
7		Koyambedu (a)		In operation	60	Conventional			
8		(b)		Under construction	120	Conventional			
9		©		In operation	34	Conventional			
10		Nesapakkam (a)		In operation	40	Conventional			
11		(b)		In operation	54	Conventional			
12		©		Information not provided	In operation	23		Conventional	Information not

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
13	Coimbatore North	M/s.Sewage Treatment plant P N Palayam Coimbatore (N) T.K., Coimbatore District		Not Yet Establishment	3.53	Cconventional	provided
14	Coimbatore South	M/s.CBE CORPORATION STP AT UKKADAM, Ukkadam , Coimbatore south , Coimbatore		In operational Condition	70	Sequential Batch Reactor (SBR)	Information not provided
15		M/s.CBE CORPORATION STP AT NANJUNDAPURAM, Uppilipalayam, Coimbatore		CTE of the Board stayed by Honourable High Court of Madras	40	Sequential Batch Reactor (SBR)	
16		M/s.SEWAGE TREATMENT PLANT ONDIUDUR, Coimbatore		Construction under process	60	Sequential Batch Reactor (SBR)	
17		M/s.POLLACHI MUNICIPAL SEWAGE TREATMENT PLANT, Coimbatore	Information not provided	Construction under process	11.5	Sequential Batch Reactor (SBR)	
18	Dindigul	M/s.DINDIGUL CORPORATION		Under Operation	13.5	Activated Sludge Process	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
19	Erode	UASB Sewage Treatment Plant, Vairapalayam, Erode District		Presently not under operation	5.17	Anaerobic Treatment with UASB technology	
20		Erode City Municipal Corporation. Sewage Treatment Plant, Peelamedu Village, Erode		Civil construction works under progress	50.55	Aerobic treated with Moving Bed Bio Reactor technology	
21	Hosur	Dharmapuri Municipality UGSS System		In operation	4.860	(Conventional) Biological Treatment	
22		Krishnagiri Municipality		Under Operation	9.19	(Conventional) Biological Treatment	
23	Madurai	Madurai Corporation STP Sakkimangalam STP Aringar Anna Maligai Tallakulam Madurai	Information not provided	In Operation	45.7	SBR	Information not provided
24		Madurai Corporation STP Avaniapuram STP Aringar Anna Maligai, Madurai		In Operation	125	SBR	

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
25	M.M.Nagar	M/s.Tambaram Municipality - Common STP		Under construction	30	Cycli Activated Sludge. Based on Sequential batch reactor (CAS/SBR )	
26		M/s.Chennai Metropolitan Water Supply and Sewage Board - Common STP at Sholinganallur		Under construction	18	Cycli Activated Sludge. Based on Sequential batch reactor (CAS/SBR )	
27		M/s.Chennai Metropolitan Water Supply and Sewage Board - New Perungudi 54 MLD STP	Information not provided	In Operation	54	Activated Sludge Process	Information not provided
28		M/s.Chennai Metropolitan Water Supply and Sewage Board - New Perungudi 54 MLD STP Phase II (60 MLD)		In Operation	60	Activated Sludge Process	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
29		M/s.SEWAGE TREATMENT PLANT of Alandur Municipality @ Perungudi		In Operation	12	Activated Sludge Process	
30		M/s.SEWAGE TREATMENT PLANT Maraimalai Nagar Municipality		In Operation	2.2	Activated Sludge Process	
31		M/s.CMWSSB Navalur Sewage Treatment Plant		Under construction	6	Activated Sludge Process	
32	Nagapattinam	M/s.Nagappattinam Municipality STP at Nagapattinam		Under construction	9.63	Conventional	
33	Nagercoil	Underground Sewage System to Nagercoil Municipality, Agastheeswararam Taluk, Kanyakumari Dist	Information not provided	To be Commissioned	20.86	STP Proposed. Extended Aeration Process	Information not provided
34	Namakkal	Namakkal municipality		Yes, STP in Operation	1.5	Conventional (Activated sludge process)	

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
35	Perundurai	WSP Technology Sewage Treatment Plant , Bhavani Municipality		Construction stoped due to public agitation	3.94	Convention al & Treatment	
36		Perundurai Town Panchayat Sewage Treatment Plant		Construction under progress	3.07	Convention al & Treatment	
37	Pudukkottai	Pudukkottai Municipality STP (Under Construction)	Information not provided	Not yet commissioned	10.62	Activated Sludge Process	Information not provided
38	Sivagangai	Sivagangai Municipality		Not et established	4.92	Activated Sludge Process System	
39		Ramanathapura m Municipality		In Operation	8.19	Activated Sludge Process system	
40		Muthukulathur Town Panchayat		Not yet established	2.415	Activated Sludge Process system	
41	Tanjavur	M/s.Thanjavur Municipality Sewage Treatment Plant , Tanjavur		In Operation	44.67	Convention al (Aeration pond)	

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
42		M/s.Kumbakonam Municipality Sewage Treatment Plant - Tajnavur Dist		In Operation	17	Conventional (Aeration pond)	
43		M/S Underground Sewerage Scheme To Vallam Town Panchayat, Thanjavur.		Proposed	2.3	Conventional (Aeration pond)	
44		M/s.CHINNAM ANUR MUNICIPALITY SEWAGE TREATMENT PLANT , UTHAMAPALAYAM TALUK, Theni	Information not provided	CTO Issued	3.99	Extended Aeration System (Activated Sludge Process)	Information not provided
45	THENI	M/s.THENI - ALLINAGARAM MUNICIPALITY SEWAGE TREATMENT PLANT, S.F.No.107,Theni-Allinagaram, Theni Taluk,		CTE Issued	15.1	Extended Aeration System (Activated Sludge Process)	

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
46	Tiruvannamalai	Tiruvannamalai Municipality STP.	Information not provided	In Operation	8.7	Activated Sludge Process followed by Disinfection	Information not provided
47	Tiruppur North	M/s. New Tirupur Area Development Corporation Ltd., Tiruppur		In operation.	15	Activated sludge process (Extended Aeration System)	
48	Tiruppur South	UDUMALPET MUNICIPALITY - STP		Construction works are under progress	7.81	Activated Sludge Process	
49	Tiruvallur	STP Avadi		Under CTE	36	Sequential Batch Reactor Technology	
50		Sewage Treatment Plant Thirumazhisai Town Panchayat		Under CTE	3	Extended Aeration Process	
51		Common STP ó UGSS, Tiruvallur		DPR ó Under Process	6.2	MBBR System	
52	Udhagamandalam	Kandal STP		Operation	5	Biological method	
53		Minigarden STP	Information not provided	Operation	2	Biological method	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
54	VELLORE	Vellore City Corporation STP		The STP is nearing completion. Conveyance works are under progress. The trial run of STP is proposed within a month.	10.72 MLD	Conventional Activated Sludge Process	not provided
55	Villupuram	M/s Villupuram Municipality UGSS with STP Zone - I, Kakuppam Village, Villupuram		Proposed Unit	9	Proposed Unit	
56		M/s Villupuram Municipality UGSS Zone II S.F.No. 86/1, Erumanant hangal Village, Villupuram Taluk Villupuram District		Proposed Unit	3.5	Proposed Unit	
57	Salem	MANKUTTAI SEWAGE TREATMENT PLANT, Salem Corporation, Salem	Information not provided	Proposed	35	Collection Aeration Chlorination	Information not provided

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
58		VANDIPETTA I SEWAGE TREATMENT PLANT, Salem		Proposed	44	Collection Aeration Chlorination	
59		VELLAKUTTAI SEWAGE TREATMENT PLANT, Salem Corporation, Salem		Proposed	23	Collection Aeration Chlorination	
60		ANAIMEDU SEWAGE TREATMENT PLANT, Salem		Proposed	6	Collection Aeration Chlorination	
61		METTUR MUNICIPALITY STP, Salem		Proposed	5.5	Collection Aeration Chlorination	
62		METTUR MUNICIPALITY STP SALEM CAMP, City S.No:2, Mettur	Information not provided	Proposed	1	Collection Aeration Chlorination	Information not provided
63		METTUR MUNICIPALITY STP NEAR MTPS, Salem		Proposed	1	Collection Aeration Chlorination	

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
64		JALAKANDA PURAM SEWAGE TREATMENT PLANT, Jalakandapuram , Salem		Proposed	2.34	Collection Aeration Chlorination	
65	TRICHY	Trichy Corporation Sewage treatment Plant		Under Operational Condition	88.64	Pre-treatment systems, Anaerobic ponds, Facultative Ponds, and Polishing Ponds	
66	Karur	Sewage Treatment Plant, Karur Municipality,		Under operation	15	Conventional Aeration Pond	
67	Tirunelveli	Tirunelveli City Municipal Corporation STP		In operation	24.2	Biological treatment (Activated Sludge process)	
68	Sriperumbudur	Sewage Treatment Plant Kancheepuram	Information not provided	In operation	14.71	Waste Stabilisation Pond system	Information not provided
69		STP Town Panchayat Sriperumbudur,		STP yet to be installed	8.5	Sequential Batch Reactor (SBR) technology	
70	Thoothukudi	Thoothukudi Municipal Corporation		Project under execution	27	MBR	

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
71		Alwarthirunagari Town Panchayat		Project under execution	1.23	Conventional	
72	Cuddalore	Cuddalore Municipality		Under Construction	12.25	Aerobic Treatment	
73	Virudhunagar	TWAD Board Underground sewer system STP		ETP is receiving effluent from partial area out of 7.65 MLD expected only 0.5MLD is Received	8.37	Activated Sludge process Technology	

#### 4.31 STPs AT TELANGANA

Telangana has 18 numbers of sewage treatment plants having treatment capacity of 685.8 MLD. 01 STP of capacity 51 MLD is Under Construction at Attapur in Greater Hyderabad. Details of STPs of Telangana are shown in Table 29.

Table 29: STPs-Telangana

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Greater Hyderabad	Amberpet	Information not provided	Operational	339	Information not provided	Information not provided
2		Attapur		Under Construction	51		
3		Durgamcheruvu		Operational	5		
4		Kattendan, RR District		Operational	4		
5		Kukatpally		Operational	12		
6		Langar house		Operational	1.2		
7		Miralam tank		Operational	10		
8		Nagole		Operational	172		

9		Nallacheruvu (Uppal)	Operational	30
10		Necklace road (Khairtabad)	Operational	20
11		Peddachruvu (Nacharam)	Operational	10
12		Safilguda	Operational	0.6
13		Saroornagar	Operational	2.5
14	Bhadrachalam	Bhadrachalam	Operational	4
15	Ramagundam	Malkapur, Godavarikani	Operational	14
16		Ramagundam	Operational	4
17	Manchiryala	Reddy colony	Operational	4
18		Saikunta	Operational	2.5

#### 4.32 STPs AT TRIPURA

Tripura has 01 STP of treatment capacity 0.045 MLD. Details of STPs of Tripura are shown in Table 30.

Table 30: STPs-Tripura

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1		Indian Check Post, Akhaura Border, Agartala	17.01.2014	Operational	0.045	MBBR	Consent certificate was issued on 18.02.2014

#### 4.33 STPs AT UTTAR PRADESH

Uttar Pradesh has 73 numbers of sewage treatment plants having treatment capacity of 2646.84 MLD. 07 STPs of capacity 89.59 MLD are Non-Operational, 03 STPs of capacity 170 MLD are Under Construction and 01 STP of capacity 15 MLD is proposed. Details of STPs of Uttar Pradesh are shown in Table 31.

Table 31: STPs-Uttar Pradesh

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Agra	Boodhi Ka Nagla	Information not provided	Operational	2.25	WSP	Not obtained
2		Pilakhar		Operational	10	WSP	Not obtained
3		Dhandhupura		Operational	78	UASB	Not obtained
4		Jaganpur, Sikandarpur		Operational	14	UASB	Not obtained
5		Bhim Nagri, Devri Road.		Operational	12	UASB	Not obtained
6		Sadarwan (Bichupri)	2013	Operational	40	UASB	Not obtained
7		Sadarwan (Bichupri) New	2014	Operational	36	UASB	Not obtained
8		Dhandhupura New	2014	Operational	24	UASB	Not obtained
9		Kalindi Vihar	2014	Operational	4.5	UASB	Not obtained
10	Etawah	STP at near Tiksi Mandir, Etawah (In Yamuna Action Plan)	2000	Operational	10.445	OP	Not obtained
11		STP at Mauza Umrain, Etawah (In State Sector and UIDSSMT)	2014	Trail run complete but presently Non-Operational	13.5	OP	Not applied
12	Mainpuri	STP at Moja Ordy, Padaria, Mainpuri (In State Sector and UIDSSMT)	2013	Not Operational on full capacity	23	UASB	Not applied
13	Mathura	Kalidah, Vrindavan	Information not provided		0.5	Abanded	Information not provided

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
14		Vrindavan Near Pagal Baba Mandir		Non-Operational	4	OP	Not applied
15		Masani	2006	Non-Operational	13.59	OP	Not applied
16		Trans Yamuna, Jamunapar	2006	Operational	14.5	OP	Not applied
17	Varanasi	Dinapur	Information not provided	Operational	80	Trickling Filter	Not applied
18		Bhagwanpur		Operational	9.8	ASP	Not applied
19		DLW, maduadih		Operational	12	ASP	Not applied
20	Noida	Sector-50	Information not provided	Operational	34	UASB	Information not provided
21		Sector-54		Operational	27	UASB	
22		Sector-54		Operational	9	OP	
23		Sector-50		Operational	25	SBR	
24		Sector-123		Operational	35	SBR	
25		Sector-91		Operational	5	OP	
26		Sector-54		Operational	33	SBR	
27		Sector-168		Operational	50	SBR	
28		Kansa, Greater Noida	2013	Operational	137	SBR	Applied
29	Saharanpur	Malhipur	2008	Operational	38	UASB	Not applied
30	Muzaffarnagar	Muzaffarnagar	2008	Operational	32.5	OP	Not applied
31	Allahabad	STP Naini, Allahabad		Operational	80	ASP	Not applied
32		Salori		Operational	29	FAB	Not applied
33		Rajapur, Allahabad	2013	Operational	60	UASB & Aerated Lagoon	Not applied
34		Pongahat, Allahabad	2013	Operational	10	BTR (Bio Tower Reactor)	Not applied
35		Numayadahi, Allahabad	2013	Operational	50	BTR (Bio Tower Reactor)	Not applied

[INVENTORIZAION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
36		Kodra, Allahabad	2013	Operational	25	BTR (Bio Tower Reactor)	Not applied
37	Mirzapur	Pakka Pokhara, Ramai Patti	Information not provided	Operational	14	UASB	Not applied
38		WSB STP, Vindhyanchal		Operational	4	WSP(Waste Stabilization Pond)	Not applied
39	Farrukhabad	Farrukhabad	1992	Operational	2.7	OP	Not applied
40	Kanpur	STP Jajmau	1989	Operational	5	UASB	Not applied
41		STP Jajmau	1999	Operational	130	ASP	Not applied
42		Bingava Kanpur(JNNURM)	Proposed	Operational Sept, 2014	210	UASB	Not applied
43		Jajmau (JNNURM)	Proposed	Operational Sept, 2014	43	ASP	Not applied
44		Sajari Kanpur	Proposed	Operational Dec., 2014	42	ASP	Not applied
45		Baniyapur Kanpur	Proposed	Proposed	15	UASB	Not applied
46	Ghaziabad	Indirapuram Trans Hindon	2001	Operational	56	UASB	Information not provided
47		Dudaheera, Vijay Nagar, Sis Hindon	2001	Operational	70	UASB	
48		Indirapuram Trans Hindon	2012	Operational	56	SBR	Grant
49		Dudaheera, Vijay Nagar, Sis Hindon	2012	Operational	56	SBR	Grant
50		Indirapuram Trans Hindon	2012	Operational	74	SBR	Information not provided
51		Govindpuram Sis Hindon	2013	Operational	56	SBR	Grant
52		Sadullabad, Loni	2012	Operational	30	SBR	Information not

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status	
							provided	
53		Madhuban Babudham Yojna GZB. Sis Hindon	Yet to commission	Construction completed ( Development of Housing Project is under Construction)	56	SBR	Information not provided	
54		Morti Ghaziabad Sis Hindon	Information not provided	Under Construction	56	SBR		
55		Doulatganj	2002	Operational	56	FAB	Not applied	
56		Bharwara	2011	Operational	345	UASBR	Not applied	
57		STP Near Hathiya Nala Sultanpur	2008	Operational	5	OP	Not applied	
58		Bulandsahar	Ahara Road, Zone-A, Anupshar	2009	Operational	0.805	OP	Information not provided
59			Ahara Road, Zone-B, Anupshar	2009	Operational	1.75	OP	
60	Meerut	MDA STP Ganganagar	2012	Operational	10	ASP		
61		MDA STP, Shradhapuri, Phase-II	2012	Operational	6	ASP		
62		MDA STP Rakshapuram, Meerut	2012	Operational	6	ASP		
63		MDA STP Sports Complex, Delhi Road, Meerut	2013	Operational	7	ASP		
64		MDA STP Sports Vedvyaspuri,	2013	Operational	15	ASP		

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
		Meerut					
65		MDA STP Pallavpurm-I	2012	Operational	7	ASP	
66		MDA STP, Shradhapuri-I, Phase-II	2012	Operational	6	ASP	Information not provided
67		MDA STP Shatabdinagar	2011	Operational	15	ASP	
68		MDA STP Lohia Nagar, Hapur Road, Meerut	2011	Operational	10	ASP	
69		MDA STP Pandavnagar, Meerut	2007	Operational	1	ASP	
70		MDA STP Pallavpurm-II, Meerut	2009	Operational	5	ASP	
71		Rampur Road Near Hanuman Murti Tiraha, Gulabbari	Information not provided	Under Construction	58	SBR	Information not provided
72	Moradabad	Mordabad Delhi Road, Vikas Pradhikaran, MDA	2012	Non Operational (non availability of sewage)	20	ASP	
73	Rampur	Kemri Road	2014	Non Operational (connectivity problem due to non availability of sewage)	15	UASB	

#### 4.34 STPs AT UTTRAKHAND

Uttarakhand has the treatment capacity of 152.9 MLD and 24 numbers of STPs. Out of 24 STPs, 12 STPs having treatment capacity of 39.15 MLD are under construction and 02 STPs of capacity 23 MLD are tendering under process. Details of STPs of Uttarakhand are shown in Table 32.

Table 32: STPs-Uttarakhand

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Almora	Bakh	2003-2004	Operational	2	MBBR	Working and in use
2	Bhimtal (Nainital)	Bhimtal	2009-2010	Operational	1.25	UASB	Working and in use
3	Nainital	Rushi	2009-2010	Operational	10	Settling Tank with tricking Filter	Working and in use
4	Rishikesh	lakkarghat	1984	Operational	6	OP	Insufficient for present population, 25MLD capacity is being proposed
5	Srinagar	Near Bus Station	2009	Operational	3.5	FAB	Scheme handed over to Uttarakhand Jal Sansthan
6	Swargashram	Ved Niketan	2010	Operational	3	SBR	Commissioned
7	Tapovan (Tehri)	Tapovan	Information not provided	Under Construction	3.5	SBR	Work is under progress, expected to be completed in Dec 2014
8	Uttarkashi	Gyansu	2012	Operational	2	MBBR	Working and in use
9	Devprayag	Bah Bazar	Information not provided	Under Construction	1.4	Soil Bio Technology (SBT)	Work is under progress, expected to be completed in Dec 2014
10	Gangotri	Gangotri		Under Construction	1	SBR	Work is under progress, expected to be completed in Nov 2014

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
11	Haridwar	Jagjeetpur	1990	Operational	18	ASP	performance well within NRCD limits
12		Jagjeetpur	2010	Operational	27	SBR	DO
13		Sarai, Jawalapur	Dec-13	Operational	18	SBR	Performance Satisfactory (under observation)
14	Mussoorie	Bhattafall	Information not provided	Under Construction	3.12	SBR	Work is under progress, expected to be completed in Dec 2014
15		Landhor South		Under Construction	1.3	SBR	Work is under progress, expected to be completed in Dec 2014
16		Landhor North		Under Construction	0.8	SBR	work is under progress, expected to be completed in Dec 2014
17		Kulri		Under Construction	0.9	SBR	Work is under progress, expected to be completed in Dec 2014
18		Indira Nagar		Under Construction	5	SBR	Work is under progress, expected to be completed in March 2015
19	Dehradun	Mothorowala		Under Construction	20	SBR	Work is under progress, expected to be completed in June 2014

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
20		Jakhan	Information not provided	Under Construction	1	SBR	Work is under progress, expected to be completed in Oct 2014
21		Vijay Colony		Under Construction	0.42	SBR	Work is under progress, expected to be completed in Oct 2014
22		Salawala		Under Construction	0.71	SBR	Work is under progress, expected to be completed in Oct 2014
23		Mothorowala		Tending Under Process	20	SBR	Application under process. Expected to be completed in June 2016
24		Kaulagarh		Tending Under Process	3	SBR	Application under process. Expected to be completed in June 2016

#### 4.35 STPs AT WEST BENGAL

West Bengal has total number of 28 STPs having treatment capacity of 416.9 MLD. Out of 24 STPs, 12 STPs of capacity 181.54 MLD are Non-Operational. Details of STPs of West Bengal are shown in Table 33.

Table 33: STPs-West Bengal

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1	Titagarh	Titagarh		Operational	4.5	ASP	No

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
2		Titagarh	Information not provided	Non Operational	4.5	OP	No
3		Jagaddal Bhatpara New		Non Operational	10	ASP	No
4	Jagaddal Bhatpara	Jagaddal Bhatpara Old		Non Operational	8.5	ASP	Not Known
5		Jagaddal Bhatpara		Non Operational	10	OP	NO
6	KANKINARA	KANKINARA STP, MADRAIL, Bhatpara		Non Operational	10	OP	NO
7	Baidyabati	Baidyabati		Operational	6	OP	No
8	Bandipur	Bandipur		Operational	14	OP	Not Known
9	Konnagar	Konnagar		Not Known	22	OP	No
10	Panihati	Panihati (Natagarh)		Operational	12	OP	No
11	Kona	Kona, Chakpara ( Anandanagar gram Panchayet )		Operational	30	OP	No
12	Chandannagore	Chandannagar, Khalisani, Chinsurah-Highly		Operational	18.16	Trickling Filter	No
13		Chandannagar, Khalisani, Chinsurah-Highly		Non Operational	4.54	OP	No
14	Bansberia	Bansberia		Operational	0.3	Waste stabilisation pond	No

[INVENTORIZATION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
15	Kamarhati	Kamarhati, Mathkol, near Belgachia Metro Car Shed	Information not provided	Operational	40	Trickling Filter	No
16	Naihati	Naihati		Operational	11.56	ASP	No
17	Garulia	Garulia		Not Known	7.9	Waste stabilisation pond	No
18	Garden Reach	Garden Reach		Under Maintenance	47.5	ASP	No
19	Serampore	Serampore, at Jannagar Road, Serampore		Operational	18.89	Trickling Filter	No
20	Maheshtala	Mahestala, Nungi		Non Operational	4	Waste stabilisation pond	No
21	Budge Budge	Budge Budge		Operational	4.25	Waste stabilisation pond	Not Known
22	Bhadreswar	Bhadreswar		Non Operational	7.6	Aerated Lagoon	No
23	Howrah	Howrah		Non Operational	45	Trickling Filter	No
24	Kalyani	STP Kalyani - I		Operational	11	Trickling Filter	Information not provided
25		STP Kalyani - II		Operational	6	OP	
26	Berhampore	STP Berhampore		Operational	3.7	OP	
27	Cossipore Chitpore	STP Cossipore Chitpore		Operational	45	ASP	
28	Nabadwip	STP Nabadwip	Operational	10	OP		

## 5. CONCLUSION

CPCB access the data provided by SPCBs/PCCs and concluded that 816 number of STPs are available having treatment capacity of 23,277 MLD equipped with different technologies like ASP, OP, USAB, SBR etc. Out of 816 STPs, 522 STPs Operational, 79 STPs Non-Operational, 145 STPs Under Construction and 70 STPs are proposed. It was also find out that maximum STPs having ASP based treatment technology and nowadays SBR based technology widely used for treatment of sewage.To check the performance and status from STPs, CPCB has initiated performance evolution of STPs in India.