

National Mission for Clean Ganga

Format for submission of Monthly Progress Report July-August, 24 in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

For the State of Himachal Pradesh

Overall status of the State:

I. Population

Total Population: 68,64,602

Urban Population: 6,88,552

Rural Population: 61,76,050

II. Estimated Sewage Generation (MLD): 95.07 MLD

III. Details of Sewage Treatment Plant:

- Existing no. of STPs: 79
- Total Treatment Capacity of STPs(in MLD): 144.033
- Capacity Utilization of existing STPs: 85.63 MLD
- MLD of sewage being treated through Alternate technology: 9.44 (Soak Pits, Septic Tanks)
- Gap in Treatment Capacity in MLD: 9.44
- No. of Operational STPs: 73 operational, 5 under commissioning,
- No. of Non-complying STPs: 12 (*in month of May, 25*)

Details of each existing STP in the State

Jal Shakti Vibhag

Sr. No.	Location	Existing STP Capacity in MLD	Capacity being utilized in MLD	Operational Status of STP	Compliance Status
1.	Sh. Naina Devi Ji (Kola Toba dry nallah)	1.35	0.25	Operational	Complying
2.	Ghumarwin (Bajohra MC ward)	1.20	1.2	Operational	Non-Compliant
3.	Chamba - STP Barga -1	1.501	1.501	Operational	Complying
4.	Chamba -STP Barga-2	0.77	0.77	Operational	Complying
5.	Chamba -STP at Bhagot	0.89	0.89	Operational	Complying
6.	Chamba-STP at Karian	0.49	0.4	Operational	Complying
7.	Hamirpur Town-Zone No. I	3.13	1.55	Operational	Complying
8.	Hamirpur Town –Zone No. II	1.35	1.35	Operational	Complying
9.	Hamirpur Town- Zone No. III	0.68	0.68	Operational	Complying
10.	Hamirpur- STP Ward No. 11	0.57	0.2	Operational	Complying
11.	Nadaun/ Nagarda Nr Hospital	1.69	0.76	Operational	Complying
12.	Sewerage scheme to Sujanpur	1.50	0.7	Operational	Complying

	Town (Zone 1) Near HPSEB sub Station Sujanpur				
13.	Sewerage scheme to Sujanpur Town (Zone II) Near Govt ITI Doli Sujanpur	1.75	1.2	Operational	Complying
14.	Nurpur- On the left bank of Jabber Khad near Bodh	3.13	0.54	Operational	Complying
15.	Dehra- Near Shamshan Ghat Dehra	1.38	1.38	Operational	Complying
16.	Jawalamukhi- Near Petrol Pump Ganju Bag	2.83	2.03	Operational	Complying
17.	Dharamshala- Chellian	6.10	4	Operational	Complying
18.	Dharamshala -Old Charri Road	0.20	0.2	Operational	Complying
19.	Dharamshala -Ramnagar	0.03	0.03	Operational	Complying
20.	Dharamshala- Bhagsu	0.052	0.052	Operational	Complying
21.	Dharamshala- Chellian Near Nag Mandir	0.165	0.165	Operational	Complying
22.	Dharamshala-Mela ground Gamru	1.40	1.1	Operational	Complying
23.	Nagrota (village Tharu near Baner Khad)	1.34	1.2	Operational	Complying
24.	Tanda-Right side bank of Baner Khad at Dr. RPGMG Tanda	1.40	1.25	Operational	Complying
25.	Kangra- STP Zone -I Near Senior Sec. School Kangra	1.68	1.68	Operational	Complying
26.	Kangra-STP Zone -II Near Bye pass Kangra	1.46	1.3	Operational	Complying
27.	Kangra- STP Zone -III Old Kangra near Fort	0.63	0.54	Operational	Complying
28.	Palampur- Left Bank of Bihral Khad Bear Insp. Hut Palampur	0.351	0.35	Operational	Complying
29.	Kullu Town- Lanka Bekar	2.57	2.52	Operational	Non-Complying
30.	Kullu Town-Bhootnath	2.50	2.42	Operational	Complying
31.	Kullu Town-Badah	0.38	0.36	Operational	Complying
32.	Manali-Near Police Station Manali (1.82 to 3.00 MLD)	3.00	3	Operational	Complying
33.	Bhunter -Mela Ground	0.99	0.99	Operational	Non-Complying
34.	Bhunter- Sarabai	0.46	0.35	Operational	Non-Complying
35.	Bhunter- Jarad	0.87	0.75	Operational	Complying
36.	Jogindernagar-Village Majahnoo	1.73	1.25	Operational	Non-Complying
37.	Mandi –Raghunath ka Padhar	3.83	3.5	Operational	Non-Complying
38.	Mandi- Khaliyar	0.47	0.46	Operational	Complying

39.	Sundernagar (Chandpur)	4.5	3.25	Operational	Complying
40.	Sarkaghat-Paplog Zone B	0.70	0.32	Operational	Complying
41.	Sarkaghat-Barchhwar Zone-C	1.67	1.15	Operational	Complying
42.	Rampur-Khopri	1.00	0.85	Operational	Complying
43.	Rampur-Chuhabag	0.50	0.47	Operational	Non-Complying
44.	Rohru- Near Radha Swami Petrol Pump	1.745	1.745	Operational	Non-Complying
45.	Jubbal- Below 22 KVSub-Station HPSEB Jubbal Ghunglidhar (Kanhhol)	0.651	0.35	Operational	Complying
46.	Kotkhai Town - Zone II	0.305	0.06	Operational	Complying
47.	Kotkhai Town - Zone III	0.163	0.04	Operational	Complying
48.	Narkanda	0.45	0.32	Operational	Non-Complying
49.	Theog	1.15	0.2	Operational	Sample not collected due to very low discharge at final outlet
50.	Sunni	0.65	0.3	Operational	Complying
51.	Paonta Sahib -Zone -1 (Devi Nagar)	0.44	0.44	Operational	Complying
52.	Paonta Sahib-Zone -II (Main Bazar)	1.00	0.7	Operational	Complying
53.	Paonta Sahib-Zone –III (Jambu Ka Khalla)	1.72	0.8	Operational	Complying
54.	Solan, Shamti	2.90	1.8	Operational	Sample not collected
55.	Parwanoo	1.00	0.3	Operational	Complying
56.	Arki Town	0.70	0.4	Operational	Non-Complying
57.	Nalagarh Town-Mandiyapur	3.62	0.8	Operational	Complying
58.	Una- Chandarlok Colony for Zone D	0.65	0.24	Operational	Complying
59.	Una- Rampur for Zone A&B	2.53	0.58	Operational	Complying
60.	Mehatpur- Zone A,B & C - Basdhera	0.73	0.08	Operational	Complying
61.	Gagret	3.14	0	Operational	No load at the outlet of the STP.
62.	Chowari	1.10	0	STP construction completed, commissioning under process.	
63.	Rewalsar (Chalahar)	0.35	0	STP construction completed, commissioning under process.	

64.	Chamba- Parel	0.87	0	STP construction completed, commissioning under process.	
65.	Dalhousie	2.70	0	STP construction completed, commissioning under process.	
Rural Sector					
66.	Bharmour- Hadsar	0.21	0	STP Damaged. Not operational.	
67.	Marhi-Manali	0.2	0.2	Operational	Results awaited
68.	Sandhole Phase -I	0.31	0.17	Operational	Sample not collected.
69.	R/Peo -Sarbo	1	1	Operational	Non-complying
70.	Sangla (Phase - II & III)	0.13	0	Plant got washed away during heavy rains in 2023.	
71.	Jakhri	1	0.8	Operational	Complying
72.	Kunihar	0.9	0.7	Operational	Non-Complying
73.	Chintpurni-Zone-I	0.57	0.10	Operational	Complying
	Total	97.073	61.03		

Details of each existing STP in Shimla Town

SJPNL

Sr. No.	Location	Existing STP Capacity (MLD)	Capacity Being Utilized(MLD)	Operational Status of STP	Compliance Status of STP
1	Sanjauli Malyana (Below Malyana Bus Stand)	8.42	3.90	Operational	Complying
2	Dhalli	2.26	1.20	Operational	Complying
3	North Disposal, Shimla (Golcha)	5.8	4.70	Operational	Non-Complying
4	Snowdon (Bermu)	1.35	1.10	Operational	Complying
5	Lalpani near Badagaon	25.20	13.00	Operational	Complying
6	Summer Hill (Below Andri)	3.93	0.70	Operational	Complying
Total		46.96	24.60		

Details of under construction STPs in the State

Jal Shakti Vibhag

URBAN SECTOR				
Sr. No.	Location of STP	Capacity (in MLD)	Physical Progress (STP) in % age	Completion Timeline
1	Sewerage Scheme to Rampur-Khaneri	1.2	100%	31.10.2024(CTO Applied)

2	Sewerage Scheme to Rampur- Dakolar	1.16	90%	Mar-26
3	Talai	1.65	90%	Dec 2025
4	Santokhgarh	2.5	90%	Dec 2025
5	Dharamshala –Naddi	0.144	90%	Mar 2026
6	Parwanoo Zone-II	1	90%	July 2025
7	Sundernagar	4.5	100%	Apr 2024
8	Mandi- Khaliyar	1.5	90%	Nov 2025
9	Mandi –Raghunath ka Padhar	9.08	90%	Nov 2025
10	Dharamshala –Jatehar	0.06	95%	Sep 2025
11	Baijnath- Paprola (Zone-I)	2.18	25%	Mar 2027
12	Baijnath- Paprola (Zone-II)	1.46	70%	Dec 2026
13	Hamirpur - Bajuri	1.06	Work Awarded (Land Dispute)	March-2026
14	Bhota	1.5	Work Awarded (Land Dispute)	March-2026
15	Nerchowk	3.36	Work awarded	March-2026 (Subjected to availability of funds)
16	Ghumarwin (Tikkri)	0.5	Work awarded	March-2026 (Subjected to availability of funds)
17	Ghumarwin (Bajohra MC Ward)	0.5	Work awarded	March-2026 (Subjected to availability of funds)

Rural Sector

Sr. No.	Location of STP	Capacity (in MLD)	Physical Progress (STP) in % age	Completion Timeline
1	Holi in GP Holi	7 No. Septic tank	100%	Feb 2025
2	Trilokpur –Kheri Johron	1.5	95%	Aug 2025
3	Kala Amb	1.7	CETP(100% constructed by DIC)	Aug-2025
4	Bangana	0.40	100%	December 2024
5	Chintpurni-Zone- II	2.01	100%	December 2024
6	Chintpurni-Zone- III	2.49	95%	December 2025
7	Rarang	0.25	95%	Aug 2025
8	Thunag	0.32	85%	Aug 2025
9	Sewerage Scheme Hatkoti	0.651	85%	Oct 2025
10	Bharmour Zone-I	0.30	85%	Mar -2026
11	Janjheli	0.64	65%	Sep 2025
12	Killar	0.59	90%	Mar -2026
13	Providing Sewerage Taklech in Tehsil Rampur	0.5	30%	Dec-2025

14	Providing Sewerage Scheme to Neri, Sandhole, Datwar Sohar and Ghanala in Tehsil Sandhole	0.78	70%	Sep 2025
15	Bharmour Zone-II	1.00	65%	Mar 2026
16	Providing Sewerage Scheme to Garola and Adjoining Village In Tehsil Bharmour Distt. Chamba	0.6	0%	Jun -2027
17	Providing Sewerage system to GP Baranda in Tehsil Nurpur	0.6	60%	Mar 2026
18	Providing Sewerage system to Jassur & adjoining area in Tehsil Nurpur	1.10	Work awarded yet to be started	Dec 2026
19	Providing Sewerage Scheme Chatrari in Gram Panchayat Chatrari Tehsil & District Chamba	0.15	0%	Jun 2027
20	DPR for providing sewerage scheme with STP and Augmentation of water supply schemes for Rehan area etc. in tehsil Fatehpur Distt Kangra.	1.15	65%	Mar 202
	Providing Sewerage Scheme Kot, Rosso and Thana area in Tehsil Dharampur			
21	Kot	0.106	15%	Mar 2026 (Subjected to availability of funds)
22	Rosso	0.10		
23	Thana	0.10		
24	Sangla (Phase IV & V)	0.063	60%	March -2026
25	Sangla (Phase I)	0.039	0% (covered in new proposal for sewearge schemes kamroo (propsal prepread under NABARD)	As per availability of funds
26	Chitkul	0.4	20%	Sep 2026
27	Kalpa	0.42	40%	May 2026
28	Keylong (Zone-I)	0.2	0%	Mar 2027 (Subjected to availability of funds)
29	Keylong (Zone-II & Zone-III)	0.41	0%	Mar 2027 (Subjected to availability of funds)

30	Udaipur Zone –I	0.22	0%	Mar 2027 (Subjected to availability of funds)
31	Udaipur Zone –II	0.26	0%	Mar 2027 (Subjected to availability of funds)
	TOTAL	52.403		

Under Construction STPs in Shimla Town (Detail of SJPNL)

Sr. No	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections	Completion Timeline
1	STP Snowdon	1.35 MLD	Retrofitting of these 3 no. of STPs is in progress 40% work completed rest is in progress	1025	July, 2025
2	STP North Disposal	5.80 MLD		4782	
3	STP Summer Hill	3.93 MLD		2049	
	Total	11.08 MLD			

Details of proposed STPs in the State

Jal Shakti Vibhag

URBAN SECTOR				
Sr. No.	Location of STP	Capacity of STP proposed (in MLD)	Status of Project (at DPR Stage/ Under Tendering / Work to be Awarded)	Likely Date of Completion
1	Rajgarh	1.50	10% (work awarded to mittal machines Pvt Ltd, old union steert railway road shahrampur -247001 near prince chowk Hardiwar road Dehradun (U.K) for Rs 5,38,19,368/- only vide EE Rajgarh letter No 5198-5202 dated 27.09.2024 and work is in progress. DNIT for networking has been approved.)	Mar 2027
2	Banjar	1.00	20%	Mar 2026
3	Chopal	0.60	Tender has been canceled	Non- availability of funds
4	Kullu (Badah)	1.50	10%	Dec 2026
5	Shahpur Town	1.67	Under tendering	Dec 2026

6	Nerwa	0.66	TS yet to be accorded	Non- availability of funds (not started)
7	Manali- Rangri	16.33	Work To be awarded	Mar 2027
8	Bilaspur - below Luxmi Narayan Temple (STP-1)	5	Under tendering	Mar 2027
9	Bilaspur - Lower Lakhanpur (STP-2)	2		
10	Palampur	2.93	Work awarded	Mar 2028
11	Jawali Town	1.50	At DPR stage	As per availability of funds
12	Mehatpur-Zone-E &F Basdhera	1.30	At DPR stage	As per availability of funds
13	Chirgaon	0.70	At DPR stage	As per availability of funds
14	Nirmand	0.75	At DPR stage	Funded under SBM (Unavailability fund further action could not be taken)
15	Solan-Zone-1 (Below Khundi Dhar) near Shamti	6.5	At DPR stage	As per availability of funds
16	Solan-Zone -II	4.7		
17	Solan Zone -III	3.4		
18	Solan Zone -IV	1		
19	Kandaghat	Phase I : 0.25 Phase II:1	At DPR stage	As per availability of funds
20	Tahliwal	1	At DPR Stage	As per availability of funds
21	Daulatpur	1	At DPR Stage	As per availability of funds
22	Amb	1.9	At DPR Stage	As per availability of funds
23	Karsog	1.80	At DPR Stage (Under AFD)	As per availability of funds
24	Nahan-Zone-I	4.58	At DPR stage (Under AFD)	Dec 2026
25	Nahan –Zone-II	2.92		
26	Nahan-Zone -III	1.28		

Rural Sector

Sr. No.	Location of STP	Capacity of STP proposed (in MLD)	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
	Providing Sewerage Scheme to Dharampur, Banwar, Richali and adjoining area in Tehsil Dharampur			
1	Dharampur	0.3	Work Awarded	Mar 2026 (Subjected to availability of funds)"
2	Banwar	0.2	Under Tendering	
3	Richhali	0.1	Under Tendering	
4	Providing Sewerage scheme to		20%	March 2027

	Udaipur Khas in GP Udaipur Tehsil & Distt. Chamba	0.48		
5	Providing Sewerage scheme to heritage village Garli & Pragpur in Tehsil Pragpur	0.67	10%	Dec 2027
6	DPR for providing Sewerage Scheme to Nagrota Surian in tehsil Jawali	1.87	Work awarded yet to be started	Mar 2026
7	Providing Sewerage scheme to Seoth Khanoud Proun Tehsil Dharampur	0.2	Under tendering	Mar 2026 (Subjected to availability of funds)"
8		0.1		
	Providing Sewerage scheme to Chowki, Rakhera and Riyur Tehsil Dharampur			
9	Chowki	0.171	Under tendering	Mar 2026 (Subjected to availability of funds)"
10	Rakhera	0.1		
11	Riyur	0.14		
12	Providing Sewerage scheme to Namgia village in G.P. Namgia Tehsil,	0.20	20%	Nov-25
	Providing Sewerage Scheme Mehla in Gram Panchayat Mehla Tehsil & District Chamba			
13	Zone-I	0.100	Work awarded	Jun 2026
14	Zone-II	0.240		
15	Providing Sewerage scheme to village Pangi in GP Pangi Tehsil Kalpa	0.42	Work awarded	Sep-26
	Providing Sewerage to Pooh village, Pooh colony in GP Pooh Tehsil Pooh Distt Kinnaur			
16	Zone I	0.313	0%	As per availability of funds
17	Zone –II	0.20		
18	Providing Sewerage scheme to Nichar and EMRS Nichar in GP Nichar	0.45	under tendering	Sep-26
	Providing Sewerage facilities including STP to Tabo and Lari adjoining area in GP Tabo			
19	Tabo	0.2	under tendering	Mar-27
20	Lari	0.13		
21	Providing sewerage scheme to adjoining GP Birta, Ghukari, Lalehar, Mator and Natehar etc. of kangra town in Tehsil & Distt. Kangra(HP)			
	Zone No-I	2.50	Work to be awarded	In progress

	Zone No-II(including wet well 0.38+1.40= 1.78 MLD)	1.78	Work to be awarded	Not started
	TOTAL	79.634		

Details of proposed STPs in Shimla Town

SJPNL

Sr. No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
1	Dogra Bridge	3.1 MLD	Final approval has been accorded dated 03.07.2024. Work is under process for award.	--
2	At TotuBhariyal	2.0 MLD	Land use transfer approval has been accorded, Tender in process	--
3	STP Dhalli-II&Mashobra	2.5 MLD	DPR submitted for approval and land transfer case is in progress	--
	Total	7.6 MLD		

IV. Details of Industrial Pollution:

- No. of industries in the State:**12778**
- No. of water polluting industries in the State: 4214
- Quantity of effluent generated from the industries in MLD:**42.25 MLD**
- Quantity of Hazardous Sludge generated from the Industries in TPD: **112.67TPD approx.**
- Number of industrial units having ETPs:**1153 ETPs are operational**
- Number of industrial units connected to CETP:**456**
- Number and total capacity of ETPs (details of existing/ under construction / proposed): **total treatment capacity 51.39 MLD(including 25 MLD CETP)**
- Compliance status of the ETPs: **6 ETPs were non-complying**
- Number and total capacity of CETPs (details of existing/ commissioned / proposed) Existing: CETP Baddi (25 MLD), CETP Kala Amb (2.5MLD), Proposed: Poanta Sahib (2 MLD),
No. of CETP existing: **2**
No. of CETP proposed: **1**
No. of CETP under-construction: **0**
- Status of compliance and operation of the CETPs

Sr. No.	Location	Capacity	Status
1	CETP at Kenduwal, Baddi, District- Solan (HP)	25 MLD	Operational

2	CETP at Paonta Sahib, District-Sirmour HP	2 MLD	Proposed
3	CETP Kala Amb, District- Sirmour	2.5 MLD	Operational

Regional Office	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Poanta Sahib	Total 1267 (190 are water polluting industries)	10.95 MLD	190 ETPs operational	CETP Kala Amb of capacity 5 MLD (Phase-I: 2.5 MLD). Operational since December, 2023. Current discharge 0.65 MLD. Proposed: Paonta Sahib of capacity 2 MLD
Parwanoo	Total 1009 (115 are water polluting industries)	0.976MLD	115 ETPs are operational	Nil
Bilaspur	Total 387 (33 are water polluting industries)	0.11 MLD	21 ETPs are operational	Nil
Shimla	Total 846 (543 are water polluting industries)	0.253 MLD	39 ETPs operational	Nil
Dharamshala	Total 1826 (1661 are water polluting industries)	1.5 MLD	61 ETPs operational	Nil
Baddi	Total 2919 (579 are water polluting industries)	23.2 MLD	579 (536 units connected to CETP Baddi Rest has captive ETPs)	CETP Baddi of capacity 25 MLD is Operational
Kullu	Total 1882 (143 are water polluting industries)	0.166 MLD	16 units have ETPs and are operational	Nil
Rampur	Total 767 (492 are water polluting industries)	0.137 MLD	9 ETPs are operational	Nil
Chamba	Total 434 (330 are water polluting industries)	0.0026 MLD	6 ETPs are operational	Nil
Una	Total 843 (90 is water polluting industries)	4.74 MLD	90 ETP is operational	Nil
Mandi	Total 598 (38 are water polluting industries)	0.22 MLD	27 ETPs are operational	Nil
Hamirpur	Total 199 (24 are water polluting industries)	0.0515 MLD	11 ETPs are operational	Nil

- **Solid Waste Management:** Total number of Urban Local Bodies and their Population:60 ULBs and population: 7,12,575

- Current Municipal Solid Waste Generation: 375TPD approx.
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing e.g.- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF etc:
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%):
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction): **Nil**
- Total no. of wards: 551
- No. of wards having door to door collection service: 551
- No. of wards practicing segregation at source:
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology): **Up-gradation of MSW facilities are proposed to enhance the capacity of different ULBs.**
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.:
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers: **3 (Mandi, Kullu & Manali)**
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers:

Status of ULB wise Management of Solid Waste as on Feb, 2024

Quantity of MSW generated (TPD)	Quantity of MSW Collected (TPD)	Quantity of MSW Processed (TPD)
375	375	368

V. Bio-medical Waste Management: (Scientific)

- Total Bio-medical generation: 4092.44 Kg/day
- No. of Hospitals and Health Care Facilities: 10053
- Status of Treatment Facility/ CBMWTF:

There are four Common Biomedical Waste Treatment Facilities (CBWTFs) operating in the State with incineration capacity is 12 MT/day.

- M/s Enviro Engineers, Biomedical Waste Treatment Facility, Sandli, Tehsil Arki, District Solan having incinerable capacity 100 Kg/hr covering District Shimla, Solan, Sirmour.
- M/s Enviro Engineers, CBWTF, Una having capacity of 250kg/hr covering District Una
- M/s Suraksha Bio Sanitizer, Common Biomedical Waste Treatment Facility, Dhugiari, P.O Gaggal Tehsil & District Kangra having incinerable capacity 50 Kg/hr covering District Kangra, Chamba and Hamirpur.
- M/s Himalyan Envirocare Company, Village-Malyawar Tehsil Ghumarwin, Distt. Bilaspur 174026.

As per the Gap Analysis conducted by the State Board, based on the actual biomedical waste generation data, it has been assessed that the State has sufficient capacity in the existing Common

Bio-Medical Waste Treatment Facilities (CBWTFs) to handle the biomedical waste disposal requirements for the next 10 years.

VI. Hazardous Waste Management:

- Total Hazardous Waste generation: 55144.3 MT (2023-24)
- No. of Industries generating Hazardous waste:- 2655 nos. (2023-24)
- Treatment Capacity of all TSDFs: 50,000 Tonne Per Annum
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated:- 29654.4 MT
- Details of on-going or proposed TSDF: - No on-going or proposed TSDF. There is only one TSDF in the State i.e. M/s Shivalik Solid Waste Management Ltd., Village Majra, P.O. Dabhota, Tehsil Nalagarh, Distt. Solan (H.P.) which was established in the year 2008 with design capacity 10 Lac. MT for the disposal of hazardous waste with capacity of 50,000 MT/Annum.

VII. Plastic Waste Management:

- Total Plastic Waste generation:14093.574 TPA
- Treatment/ Measures adopted for reduction or management of plastic waste:
Used for road construction, sent to Cement Plant as RDF
The Government of Himachal Pradesh has notified a Policy regarding Buy-back of non-recyclable and Single Use Plastic Waste including plastic bags in the Himachal Pradesh from the Rag pickers and households, providing Minimum Support Price of Rs. 75/- (Rupees Seventy-Five) only per kilogram.
40 number of Plastic Waste Processors have been registered on CPCB EPR portal.

VIII. Details of Alternate Treatment Technology being adopted by the State/UT:

- a. Septic tanks have been provided either at Community Level or by the individual households and Himachal Pradesh is one of the states in the country which has achieved ODF status. In Rural Areas double pit (septic tanks) treatment is being provided under SBM.
- b. In addition, in-situ Phytoremediation technique is being applied in nallahs for treatment of water.

IX. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment:

The work of in-situ remediation in Priority-I (Sukhna Nallah) has been completed which was damaged during rainy season.

The work of in-situ remediation in Jattan Wala Nallah (catchment of Priority-II river stretch) was completed however was damaged during rainy season.

X. Details of Nodal Officer appointed by Chief Secretary in the State/UT:An “Environment Monitoring Cell” comprising of following officers has been formed on 19th Feb, 2020 to facilitate coordination and compliance of directions of Hon’ble NGT and assist in organizing review by the Chief Secretary:-

1. The Member Secretary, H.P. State Pollution Control Board
2. The Director, Environment, Science & Technology
3. The Director, Urban Development
4. The Joint Secretary (Env., Sci. & Technology) to Govt. of HP.

XI. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:

3 nos. of Review Meeting have been held under the Chairmanship of Worthy Chief Secretary to Govt. of H.P. in year FY **2020-21** (17.06.2020, 6.10.2020, 12.01.2021). **2 2 3nos** of Review Meeting have been held under the Chairmanship of Worthy Chief Secretary to Govt. of H.P. in year FY **2021-22** (19.06.2021, 26.10.2021& 29.03.2022).

1nos of Review Meeting have been held under the Chairmanship of Worthy Chief Secretary to Govt. of H.P. in year FY **2022-23** (25.03.2023). **2 number** of meetings held under the Chairmanship of Additional Chief Secretary to the GoHP in FY 2022-23 (27.05.2022& 27.10.2022).

1 Nos. of review meeting held under the Chairmanship of Worthy Chief Secretary to Govt. of H.P. in FY 23-24 on 1.11.2023. **1 Nos.** of review meeting held under the Chairmanship of Worthy Chief Secretary to Govt. of H.P. in FY 24-25 on 20.05.2024.

XII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river

Details attached as **Annexure-I (May, 25)**.

XIII. Ground water regulation:

Himachal Pradesh has enacted the Groundwater Act in 2005 to regulate extraction of groundwater in the vulnerable areas of the state, which has now been extended all over the state. The extraction of groundwater in any form is controlled and regulated by the provisions of the act.

The State has formulated and implemented a regulatory regime to ensure and promote wise use of groundwater.

XIV. Good irrigation practices being adopted by the State:

Promotion of water use efficiency by providing piped irrigation network instead of open channel; micro irrigation through sprinklers and drip.

XV. Rain Water Harvesting:

The Jal Shakti Vibhag has taken up water conservation initiative under various programmes like JRM, PMKSY, MNRGA, Sustainability component of NRDWP, CRF, D.C. Funds, AIBP, NABARD, PARVATDHARA etc.

XVI. Demarcation of Floodplain and removal of illegal encroachments:

Not under the purview of JSV

XVII. Maintaining minimum e-flow of river:

Further, Hydro-Electric Projects (HEP) located on the catchment of rivers are mandated to ensure minimum 15% discharge of lean season flow on the downstream of the HEP into river body.

XVIII. Plantation activities along the rivers:

Priority-I (SukhnaNallah at Parwanoo)

- 2200 Plants have been planted in FY 2019-20.
- 4400 Plants have been planted in FY 2020-21

Priority-II (River Markanda at Kala Amb)

- 1600 plants have been planted in TrilokpurDevini Area in FY 2019-20
- 9600 plants planted during FY-2020-21.

Priority – III (RiverSirsa at Baddi, Nalagarh in District Solan

- 8800 plants has been planted in FY 2019-20.
- 18000 plants planted in FY2020-21.

Priority – V (River Ashwani, District- Shimla HP)

- 28600 Plants have been planted in 2019-20.
- 11000 plants have been planted in FY 2020-21.

Priority – V (River Beas from Kullu to Dehra-Gopipur at District- Kullu, Mandi, Hamirpur and Kangra of Himachal Pradesh

- 17,800 Plants are planted in FY 2019-20.
- 35,100 plants have been planted in FY2020-21

Priority – V (River Giri at Sainj, District- Shimla HP)

- 3300 Plants are planted in FY 2019-20.
- 4400 plants have been planted in FY 2020-21.

Priority – V (River Pabbar along Rohru, District- Shimla HP)

- Total 3300 Plants are planted in FY 2019-20.
- 7700 plants have been planted in FY 2020-21.

XIX. Development of biodiversity park:

- As per the Action Plan of Priority I & II, Bio-diversity Park is proposed.
- No suitable land is available for the construction of Bio-Diversity Park in catchment of Priority-I ~ SukhnaNallah.
- Setting up of Bio-diversity Park, for Priority-III (River Sirsa)
The work has been completed

- Development of Eco-Park in Paonta Sahib:
The work has been completed
- Bio-Diversity Park in Kala Amb:
Work has been completed.

XX. Reuse of Treated Water:

JSV is providing facility for bulk water user at all the STPs to enable drawing the effluent for reuse. Tertiary treatment shall also be provided as per requirement of the Bulk Users.

XXI. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

River Beas (Kullu to Dehra Gopipur) which is currently categorized as Priority-V Polluted River Stretch in HP, upon implementation and completion of various action points mentioned in approved action plan, has shown considerable improvement in the water quality and the matter of delisting it from polluted river stretch has already been taken up with CPCB.

XXII. Status of Preparation of Action Plan by the 13 Coastal States: No coastal area in HP

XXIII. Regulation of Mining Activities in the State/UT: Mining activities are being regulated under HP Mines and Mineral Act and also Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

XXIV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:

All action plans are being implemented. State Board conduct regular monitoring as per the schedule and action against polluters in terms of issuing show cause notices, power disconnection & Environmental Compensation is initiated accordingly.

Annexure-I**May 2025**

PRS	Sampling Point	pH	DO	BOD	FC	TC
Sirsa	River Sirsa U/S Sitomajri Nalagarh	7.96	5.0	1.3	17	350
	River Sirsa D/S Nalagarh Bridge	7.64	5.6	4.8	>1600	>1600
	River Sirsa At D/S Nalagarh Distt. Solan	7.83	5.5	6.4	>1600	>1600
	River Sirsa U/S Sandholi Nallah	7.83	4.3	2.8	21	920
	River Sirsa D/S Housing Board Nallah	7.95	3.7	25	>1600	>1600
	River Sirsa D/S River Ratta	7.88	4.3	6.6	>1600	>1600
Sukhna	River Sukhana At Parwanoo, Distt. Solan	7.97	2.6	9	>1600	>1600
Ashwani Khad	Ashwani Khad U/S Of Weir Site Of Wtp Near Ashwani Bridge	7.74	7.9	1.6	26	94
	D/S Of Ashwani Khad (After Confluence Of Lift Nallah)	7.80	7.6	1.8	17	110
Bald	River Bald D/S Landfillsite At Baddi	Sample not collected				
Ratta	River Ratta Before Conf. To River Sirsa	7.69	5.1	10.0	>1600	>1600
Giri	River Giri At D/S Yashwant Nagar	7.48	7.9	0.9	4.5	110
	River Giri After Confluence Of Ashwani River At Giripul, Yashwant Nagar	7.52	8.8	0.6	4.0	79
	River Giri D/S Proposed Site Of Sri Renukaji Dam Site Near Bridge At Dadahu- Renukaji	7.6	7.7	1.2	43	220
	River Markanda D/S Of Salani Khad	7.87	8.1	1.5	31	210
Markanda	River Markanda D/S Of Moginand Nala	7.97	7.8	1.8	170	540
	River Markanda At Kala Amb U/S (H.P)	7.82	8.1	1	84	430
Shikari Khad	Shikari Khad Before Confluence To River Pabbar Near Hrtc Rohru Bus Stand	7.7	7.7	BDL	26	39
Pabbar	River Pabbar At D/S Swarakuddu	7.71	7.8	BDL	14	140

Exit Point**May 2025**

Polluted river Stretch	pH	D.O.	BOD	F.C.	T.C
		mg/l	mg/l	MPN/100ml	MPN/100ml
Sukhna Nallah D/s Water Quality at Kalka Barrier (1870).	7.97	2.6	9	>1600	>1600
River Markanda D/s Jattan Wala Nallah at Dehramli	Source Dry				
River Sirsa D/s Nalagarh Town (1868)	7.83	5.5	6.4	>1600	>1600
AshwaniKhad U/s Yashwant Nagar (2620)	7.26	7.8	0.5	4.0	27
River Beas (Right Bank) D/s Dehra Town) (1008)	8.01	9.1	2.3	430	130
River Giri D/s of Lift Water Supply Scheme at Sainj (at boundary District Shimla) (3878)	7.89	7.5	BDL	14	70
River Pabbar D/s of TRT of Sawara Kuddu (2619)	7.71	7.8	BDL	14	140