

National Mission for Clean Ganga

**Format for submission of Monthly Progress Report 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): 93.86 MLD

III. Details of Sewage Treatment Plant:

- Existing no. of STPs: 78
- Total Treatment Capacity of STPs (in MLD): 142.953
- Capacity Utilization of existing STPs: 84.85 MLD
- MLD of sewage being treated through Alternate technology: 9 (Soak Pits, Septic Tanks)
- Gap in Treatment Capacity in MLD: 9
- No. of Operational STPs: 73 operational, 4 under commissioning, 1 under trial process
- No. of Non-complying STPs: 24 (in month of May, 24)

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	0.85	Operational	Complying
2.	Ghumarwin (Bajohra MC ward)	1.20	1.20	Operational	Complying
3.	Chamba - STP Barga -1	1.501	1.20	Operational	Complying
4.	Chamba -STP Barga-2	0.77	0.65	Operational	Non-Complying
5.	Chamba -STP at Bhagot	0.89	0.88	Operational	Non-Complying
6.	Chamba-STP at Karian	0.49	0.30	Operational	Non-Complying
7.	Hamirpur Town-Zone No. I	3.13	1.55	Operational	Complying
8.	Hamirpur Town –	1.35	1.16	Operational	Complying

	Zone No. II				
9.	Hamirpur Town- Zone No. III	0.68	0.68	Operational	Complying
10.	Hamirpur- STP Ward No. 11	0.57	0.20	Operational	Non-Complying
11.	Nadaun/ Nagarda Nr Hospital	1.69	0.76	Operational	Complying
12.	Sewerage scheme to Sujanpur Town (Zone 1) Near HPSEB sub Station Sujanpur	1.50	1.20	Operational	Complying
13.	Sewerage scheme to Sujanpur Town(Zone II) Near Govt ITI Doli Sujanpur	1.75	0.50	Operational	Complying
14.	Nurpur- On the left bank of Jabber Khad near Bodh	3.13	0.30	Operational	Complying
15.	Dehra- Near Shamshan Ghat Dehra	1.38	1.05	Operational	Complying
16.	Jawalamukhi- Near Petrol Pump Ganju Bag	2.83	2.03	Operational	Complying
17.	Dharamshala- Chellian	6.10	4.00	Operational	Complying
18.	Dharamshala -Old Charri Road	0.20	0.20	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	1.00	Operational	Complying
23.	Nagrota (village Tharu near Baner Khad)	1.34	1.05	Operational	Complying
24.	Tanda-Right side bank of Baner Khad at Dr. RPGMG Tanda	1.40	1.20	Operational	Complying
25.	Kangra- STP Zone -I Near Senior Sec. School Kangra	1.68	1.63	Operational	Complying
26.	Kangra-STP Zone - II Near Bye pass	1.46	1.15	Operational	Complying

	Kangra				
27.	Kangra- STP Zone - III Old Kangra near Fort	0.63	0.52	Operational	Non-Complying
28.	Palampur- Left Bank of Bihral Khad Bear Insp. Hut Palampur	0.351	0.33	Operational	Non-Complying
29.	Kullu Town- Lanka Bekar	2.57	2.50	Operational	Complying
30.	Kullu Town- Bhootnath	2.50	2.42	Operational	Complying
31.	Kullu Town-Badah	0.38	0.29	Operational	Non-Complying
32.	Manali-Near Police Station Manali (1.82 to 3.00 MLD)	3.00	3.00	Operational	Complying
33.	Bhunter -Mela Ground	0.99	0.99	Operational	Non-Complying
34.	Bhunter- Sarabai	0.46	0.35	Operational	Complying
35.	Bhunter- Jarad	0.87	0.81	Operational	Complying
36.	Jogindernagar- Village Majahmoo	1.73	1.21	Operational	Complying
37.	Mandi –Raghunath ka Padhar	3.83	3.50	Operational	Complying
38.	Mandi- Khaliyar	0.47	0.46	Operational	Non-Complying
39.	Sundernagar (Chandpur)	3.55	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	Non-Complying
42.	Rampur-Khopri	1.00	0.85	Operational	Complying
43.	Rampur-Chuhabag	0.50	0.47	Operational	Complying
44.	Rohru- Near Radha Swami Petrol Pump	1.745	1.70	Operational	Non-Complying
45.	Jubbal- Below 22 KVSub-Station HPSEB Jubbal Ghunglidhar (Kanhhol)	0.651	0.32	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	0.30	Operational	Non-Complying
49.	Theog	1.15	0.05	Operational	Sample not collected

50.	Sunni	0.65	0.10	Operational	Non-Complying
51.	Paonta Sahib -Zone -1 (Devi Nagar)	0.44	0.44	Operational	Non-Complying
52.	Paonta Sahib-Zone - II (Main Bazar)	1.00	0.60	Operational	Complying
53.	Paonta Sahib-Zone –III (Jambu Ka Khalla)	1.72	0.80	Operational	Complying
54.	Solan, Shamti	2.90	1.80	Operational	Non-Complying
55.	Parwanoo	1.00	0.30	Operational	Complying
56.	Arki Town	0.70	0.55	Operational	Non-Complying
57.	Nalagarh Town-Mandiyapur	3.62	2.24	Operational	Non-Complying
58.	Una- Chandarlok Colony for Zone D	0.65	0.24	Operational	Non-Complying
59.	Una- Rampur for Zone A&B	2.53	0.58	Operational	Non-Complying
60.	Mehatpur- Zone A,B & C -Basdhera	0.73	0.20	Operational	Sample not collected
61.	Gagret	3.14	0	STP construction completed, Laying Sewer and connections under progress	
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, trial mode	
65.	Dalhousie	2.70	0	STP construction completed, commissioning under process.	
Rural Sector					
66.	Bharmour- Hadsar	0.21	0.08	Operational	Sample not collected
67.	Marhi-Manali	0.2	0.2	Operational	Complying
68.	Sandhole Phase -I	0.31	0.15	Operational	Sample not collected
69.	R/Peo -Sarbo	1	0.58	Operational	Complying
70.	Jakhri	1	0.72	Operational	Complying
71.	Kunihar	0.9	0.70	Operational	Non-Complying

72.	Chintpurni-Zone-I	0.57	0.10	Operational	Sample not collected.
	Total	101.623	62.087		

Details of each existing STP in Shimla Town

SJPNL

Sr.	Location	Existing STP	Capacity Being	Operational	Compliance Status
1	Sanjauli Malyana (Below Malyana Bus Stand)	8.42	4.5	Operational	Complying
2	Dhalli	2.26	1	Operational	Complying
3	North Disposal, Shimla (Golcha)	5.8	3.70	Operational	Non-Complying
4	Snowdon (Bermu)	1.35	0.70	Operational	Non-Complying
5	Lalpani near Badagaon	25.20	14.00	Operational	Non-Complying
6	Summer Hill (Below Andri)	3.93	0.70	Operational	Non-Complying
	Total	46.96	24.6		

Details of under construction STPs in the State

Jal Shakti Vibhag

Sr. No.	Location of STP	Capacity (in MLD)	Physical Progress (STP) in % age	Completion Timeline
1	Sewerage Scheme to Rampur-Khaneri	1.2	100%	December 2024
2	Sewerage Scheme to Rampur- Dakolar	1.16	95%	March 2025
3	Talai	1.65	90%	March 2025
4	Santokhgarh	2.5	90%	September 2024
5	Dharamshala –Naddi	0.144	85%	September 2024
6	Parwanoo Zone-II	1	75%	September 2024
7	Sundernagar	4.5	75%	September 2024
8	Mandi- Khaliyar	1.5	72%	December 2024
9	Mandi –Raghunath ka Padhar	9.08	70 %	December 2024
10	Dharamshala –Jatehar	0.06	65%	September 2024
11	Baijnath- Paprola (Zone-I)	2.18	10%	March 2025
12	Baijnath- Paprola (Zone-II)	1.46	25%	March 2025
13	Hamirpur - Bajuri	1.06	Work Awarded (Land Dispute)	March-2025
14	Bhota	1.5	Work Awarded	March-2025

Sr. No.	Location of STP	Capacity (in MLD)	Physical Progress (STP) in % age	Completion Timeline
			(Land Dispute)	
15	Nerchowk	3.36	Work awarded	March-2025
16	Ghumarwin (Tikkri)	0.5	Work awarded	March-2026
17	Ghumarwin (Bajohra MC Ward)	0.5	Work awarded	March-2026
Rural				
1	Holi in GP Holi	7 No. Septic tank	100%	July 2024
2	Trilokpur –Kheri Johron	1.5	100%	Aug 2024
3	Kala Amb	1.7	100%	Aug 2024
4	Bangana	0.40	100%	Aug 2024
5	Chintpurni-Zone- II	2.01	100%	Aug 2024
6	Chintpurni-Zone- III	2.49	95%	September 2024
7	Rarang	0.25	95%	December 2024
8	Thunag	0.32	80%	December 2024
9	Sewerage Scheme Hatkoti	0.651	78%	March 2025
10	Bharmour Zone-I	0.30	70%	December -2025
11	Janjheli	0.64	65%	December 2024
12	Killar	0.59	65%	December -2024
13	Providing Sewerage Taklech in Tehsil Rampur	0.5	20%	December -2025
14	Providing Sewerage Scheme to Neri, Sandhole, Datwar Sohar and Ghanala in Tehsil Sandhole	0.78	5%	December -2026
15	Bharmour Zone-II	1.00	Work Awarded	December -2025
16	Providing Sewerage Scheme to Garola and Adjoining Village In Tehsil Bharmour Distt. Chamba	0.6	Work Awarded	March -2026
17	Providing Sewerage system to GP Baranda in Tehsil Nurpur	0.6	Work Awarded	March -2026
18	Providing Sewerage system to Jassur & adjoining area in Tehsil Nurpur	1.10	Work Awarded	March -2026
19	Providing Sewerage Scheme Chatrari in	0.15	Work Awarded	March -2026

Sr. No.	Location of STP	Capacity (in MLD)	Physical Progress (STP) in % age	Completion Timeline
	Gram Panchayat Chatrari Tehsil & District Chamba			
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	Work Awarded	As per availability of funds
	Providing Sewerage Scheme Kot, Rosso and Thana area in Tehsil Dharampur			
21	Kot	0.106	Work awarded	December -2026
22	Rosso	0.10		
23	Thana	0.10		
24	Sangla (Phase IV & V)	0.063	Land acquisition for STP under process	December -2026
25	Sangla (Phase I)	0.039	Land acquisition for STP under process	December -2026
26	Chitkul	0.4	T/S for STP under process	December -2026
27	Kalpa	0.42	T/S for STP under process	December -2026
28	Keylong (Zone-I)	0.2	Under Tendering	December -2026
29	Keylong (Zone-II & Zone-III)	0.41	Under Tendering	December -2026
30	Udaipur Zone –I	0.22	Land dispute	December -2026
31	Udaipur Zone –II	0.26	Land dispute	December -2026
	Total (Rural + Urban)	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 Lalpani (Upgradation work)	25.20 (upgradation work)	99%	20494	July, 2024
2	STP Snowdon	1.35 MLD	Retrofitting of these 3 no. of STPs is in progress 40% work completed rest	1025	August, 2024
3	STP North Disposal	5.80 MLD		4782	
4	STP Summer Hill	3.93 MLD		2049	

			is in progress	
	Total	36.28		

Details of proposed STPs in the State

Jal Shakti Vibhag

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	Under-Tendering	As per availability of funds
2	Banjar	1.00	Under-Tendering	As per availability of funds
3	Chopal	0.60	Under-Tendering	As per availability of funds
4	Kullu (Badah)	1.50	Under Tendering	As per availability of funds
5	Shahpur Town	1.67	Under Tendering	As per availability of funds
6	Nerwa	0.66	A/A & E/S accorded	As per availability of funds
7	Manali- Rangri	16.33	The tender for STP is under process and the work of distribution network is in progress.	As per availability of funds
8	Bilaspur - below Luxmi Narayan Temple (STP-1)	5	Under Tendering	As per availability of funds
9	Bilaspur - Lower Lakhanpur (STP-2)	2		
10	Palampur	2.93	Under Tendering	As per availability of funds
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	As per availability of funds
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	1.3	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)	As per availability of funds
25	Nahan –Zone-II	2.92		
26	Nahan-Zone -III	1.28		
RURAL				
	Providing Sewerage Scheme to Dharampur, Banwar, Richali and adjoining area in Tehsil Dharampur			
1	Dharampur	0.3	Work Awarded	As per availability of funds
2	Banwar	0.2	Under Tendering	
3	Richhali	0.1	Under Tendering	
4	Providing Sewerage scheme to Udaipur Khas in GP Udaipur Tehsil & Distt. Chamba	0.48	Under Tendering	As per availability of funds
5	Providing Sewerage scheme to heritage village Garli & Pragpur in Tehsil Pragpur	0.67	Under Tendering	As per availability of funds
6	DPR for providing Sewerage Scheme to Nagrota Surian in tehsil Jawali	1.87	Under Tendering	As per availability of funds
7	Providing Sewerage scheme to Seoth Khanoud Proun Tehsil Dharampur	0.2	Under Tendering	As per availability of funds
8		0.1		
	Providing Sewerage scheme to Chowki, Rakhera and Riyur Tehsil Dharampur			As per availability of funds
9	Chowki	0.171	Under Tendering	As per availability of funds
10	Rakhera	0.1		
11	Riyur	0.14		
12	Providing Sewerage scheme to Namgia village in G.P. Namgia Tehsil, Pooh	0.20	Under Tendering	As per availability of funds

	Providing Sewerage Scheme Mehla in Gram Panchayat Mehla Tehsil & District Chamba			
13	Zone-I	0.100	Under Tendering	As per availability of funds
14	Zone-II	0.240		
15	Providing Sewerage scheme to village Pangli in GP Pangli Tehsil Kalpa	0.42	A/A & E/S accorded	As per availability of funds
	Providing Sewerage to Pooh village, Pooh colony in GP Pooh Tehsil Pooh Distt Kinnaur			
16	Zone I	0.313	A/A & E/S accorded	As per availability of funds
17	Zone –II	0.20		
18	Providing Sewerage scheme to Nichar and EMRS Nichar in GP Nichar	0.45	A/A & E/S accorded	As per availability of funds
	Providing Sewerage facilities including STP to Tabo and Lari adjoining area in GP Tabo			
19	Tabo	0.2	Under Tendering	As per availability of funds
20	Lari	0.13		
	Total	75.404		

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	Awarded (FCA case is in progress)	--
2	At Totu Bhariyal	2.0 MLD	Awarded (Land use transfer case with forest is in process)	--
3	STP Dhalli-II & Mashobra	2.5 MLD	DPR submitted for approval	--
	Total	7.6 MLD		

IV. Details of Industrial Pollution:

- No. of industries in the State: **11679**
- No. of water polluting industries in the State: **4161**
- Quantity of effluent generated from the industries in MLD: **42.0427 MLD**
- Quantity of Hazardous Sludge generated from the Industries in TPD: **7.583 MT approx.**
- Number of industrial units having ETPs: **1171 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 55.875 MLD (including 25 MLD CETP)**
- Compliance status of the ETPs: **35 ETPs were non-complying (May, 24)**
- 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 1337 (235 are water polluting industries)	10.90 MLD	235 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 966 (112 are water polluting industries)	0.9761 MLD	112 ETPs are operational	Nil
Bilaspur	Total 273 (27 are water polluting industries)	0.0903 MLD	17 ETPs are operational	Nil
Shimla	Total 769 (471 are water polluting industries)	0.213 MLD	33 ETPs operational	Nil
Dharamshala	Total 1826 (1661 are water polluting industries)	1.5 MLD	61 ETPs operational	Nil
Baddi	Total 2443 (576 are water polluting industries)	23.2 MLD	576 (456 units connected to CETP Baddi Rest has captive ETPs)	CETP Baddi of capacity 25 MLD is Operational
Kullu	Total 1706 (138 are water polluting industries)	0.166 MLD	16 units have ETPs and are operational	Nil
Rampur	Total 551 (446 are water polluting industries)	0.117 MLD	8 ETPs are operational	Nil
Chamba	Total 421 (375 are water polluting industries)	0.026 MLD	4 ETPs are operational	Nil
Una	Total 789 (82 is water polluting industries)	4.63 MLD	82 ETP is operational	Nil
Mandi	Total 598 (38 are water polluting industries)	0.22 MLD	27 ETPs are operational	Nil
Hamirpur	Total 191 (20 are water polluting industries)	0.0465 MLD	10 ETPs are operational	

- **Solid Waste Management:** Total number of Urban Local Bodies and their Population:60 ULBs and population: 7,12,575
- Current Municipal Solid Waste Generation: 375 TPD approx.
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biometanation, 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): **Upgradation 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: 3769.57 Kg/day (For year 2022)
- No. of Hospitals and Health Care Facilities:9365 (For year 2022)
- Status of Treatment Facility/ CBMWTF:
 - There are four Common Biomedical Waste Treatment Facilities (CBWTFs) operating in the State with incineration capacity is 600kg/hr.
 - M/s Enviro Engineers, Biomedical Waste Treatment Facility, Sandli, Tehsil Arki, District Solan having incinerable capacity 100 Kg/hr covering District Shimla, Solan, Mandi, Kullu, Bilaspur, 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.

VI. Hazardous Waste Management:

- Total Hazardous Waste generation: 47618.19 MT for the year 2022-23
- No. of Industries generating Hazardous waste:- 2579 nos

- Treatment Capacity of all TSDFs: 50,000 Tonne Per Annum and Overall capacity : 10 lakhs tonne
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated:- 33608.878 MT
- Details of on-going or proposed TSDF: - Nil.

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:

All STPs in Himachal Pradesh are operational on convention technology with MBBR (Moving Bed Bio-Film Reactor) system in secondary treatment. However now all STPs are being upgraded with tertiary treatment and proposed STPs will be equipped with tertiary treatment and septage treatment.

However, Upgradation of 3 nos of STPs namely Dhalli, Malyana and Lalpani through Sequencing Batch Reactor (SBR) technology is under process.

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 Swachh Bharat Mission.

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**

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 1.11.2024.

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 (April-24 to May, 24).**

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 Vibhaghas taken up water conservation initiative under various programmes like MNREGA, Sustainability component of NRDWP, CRF, D.C. Funds, AIBP, NABARD, PARVATDHARA etc.

XVI. Demarcation of Floodplain and removal of illegal encroachments:

XVII. Maintaining minimum e-flow of river:

The following steps have been taken to maintain environmental flow in the river/ Nallah

- The RTWQMS along with Radar system for water quality monitoring and flow measurement, respectively, have been installed in river Markanda near Viii Ogli, Kala Amb town and in river Kaushalya near village Kamli.
- Installation of RTWQMS at river Sirsa, the Site is identified, tendering work is in progress.
- Total 27 nos of Check Dams constructed in Sukhna (Priority-I) at Parwanoo.
- Total 45 nos of Check Dams constructed in Ashwani (Priority-V) along Yashwant Nagar.
- Total 110 nos of Check Dams constructed in Beas (Priority-V) at Mandi and Jogindarnagar.

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, 2024**

PRS	Sampling Point	pH	DO	BOD	FC	TC
Sirsa	RIVER SIRSA U/S SITOMAJRI NALAHGARH	7.15	6.2	0.4	4	46
	RIVER SIRSA D/S NALAGARH BRIDGE	7.49	6.6	2.2	4	280
	RIVER SIRSA AT D/S NALAGARH DISTT. SOLAN	7.28	6.6	2.8	6.8	340
	RIVER SIRSA U/S SANDHOLI NALLAH	7.30	6.2	2.3	6.8	340
	RIVER SIRSA D/S HOUSING BOARD NALLAH	6.87	4.9	22.0	>1600	>1600
	RIVER SIRSA D/S RIVER RATTA	7.30	6.1	5.8	920	>1600
Sukhna	RIVER SUKHANA AT PARWANOO, DISTT. SOLAN	6.94	0.0	280.0	>1600	>1600
Ashwani Khad	ASHWANI KHAD U/S OF WEIR SITE OF WTP NEAR ASHWANI BRIDGE	7.6	7.5	3.2	350.0	1600.0
	D/S OF ASHWANI KHAD (AFTER CONFLUENCE OF LIFT NALLAH)	7.7	6.4	6.2	920.0	1600.0
Bald	RIVER BALD D/S LANDFILLSITE AT BADDI	Source Dry				
Ratta	RIVER RATTA BEFORE CONF. TO RIVER SIRSA	7.30	6.1	5.8	920	>1600
Giri	RIVER GIRI AT D/S YASHWANT NAGAR	8.09	7.8	0.2	2	26
	RIVER GIRI AFTER CONFLUENCE OF ASHWANI RIVER AT GIRIPUL, YASHWANT NAGAR	8.00	7.3	0.2	2	17
	RIVER GIRI D/S PROPOSED SITE OF SRI RENUKAJI DAM SITE NEAR BRIDGE AT DADAHU-RENUKAJI	8.34	7.7	1.1	47.0	220.0
Markanda	RIVER MARKANDA D/S OF SALANI KHAD	8.29	8.2	1.8	46.0	220.0
	RIVER MARKANDA D/S OF MOGINAND NALA	7.25	7.8	2.8	280.0	1600.0
	RIVER MARKANDA AT KALA AMB U/S (H.P)	8.31	7.7	1.5	70.0	350.0
Shikari Khad	SHIKARI KHAD BEFORE CONFLUENCE TO RIVER PABBAR NEAR HRTC ROHRU BUS STAND	7.7	7.6	BDL	27.0	1600.0
Pabbar	RIVER PABBAR AT D/S SWARAKUDDU	7.7	8.0	BDL	14.0	220.0

PRS	Sampling Point	pH	DO	BOD	FC	TC
Sirsa	RIVER SIRSA U/S SITOMAJRI NALAHGARH	7.25	6.8	0.6	14	220
	RIVER SIRSA D/S NALAGARH BRIDGE	7.62	6.3	4.4	280	>1600
	RIVER SIRSA AT D/S NALAGARH DISTT. SOLAN	7.69	6.3	3.6	170	>1600
	RIVER SIRSA U/S SANDHOLI NALLAH	7.41	5.1	2.3	17	1600
	RIVER SIRSA D/S HOUSING BOARD NALLAH	7.43	4.2	15.0	>1600	>1600
	RIVER SIRSA D/S RIVER RATTI	7.52	5.2	16.0	>1600	>1600
Sukhna	RIVER SUKHANA AT PARWANOO, DISTT. SOLAN	7.1	0.0	18.0	>1600	>1600
Ashwani Khad	ASHWANI KHAD U/S OF WEIR SITE OF WTP NEAR ASHWANI BRIDGE	7.9	6.9	3.8	26.0	920.0
	D/S OF ASHWANI KHAD (AFTER CONFLUENCE OF LIFT NALLAH)	7.9	5.6	6.2	70.0	1600.0
Bald	RIVER BALD D/S LANDFILL SITE AT BADDI	7.18	6.1	14.0	>1600	>1600
Ratti	RIVER RATTI BEFORE CONFL. TO RIVER SIRSA	7.52	5.2	16.0	>1600	>1600
Giri	RIVER GIRI AT D/S YASHWANT NAGAR	7.92	7.4	0.3	4.0	33.0
	RIVER GIRI AFTER CONFLUENCE OF ASHWANI RIVER AT GIRIPUL, YASHWANT NAGAR	7.91	7.7	0.2	4.0	22.0
	RIVER GIRI D/S PROPOSED SITE OF SRI RENUKAJI DAM SITE NEAR BRIDGE AT DADAHU-RENUKAJI	8.21	7.8	1.3	49.0	220.0
Markanda	RIVER MARKANDA D/S OF SALANI KHAD	8.39	8.1	2.0	170.0	350.0
	RIVER MARKANDA D/S OF MOGINAND NALA	8.32	7.0	2.6	220.0	920.0
	RIVER MARKANDA AT KALA AMB U/S (H.P)	8.45	7.3	2.5	130.0	540.0
Shikari Khad	SHIKARI KHAD BEFORE CONFLUENCE TO RIVER PABBAR NEAR HRTC ROHRU BUS STAND	7.8	7.8	BDL	13.0	130.0
Pabbar	RIVER PABBAR AT D/S SWARAKUDDU	8.1	7.6	BDL	7.8	49.0