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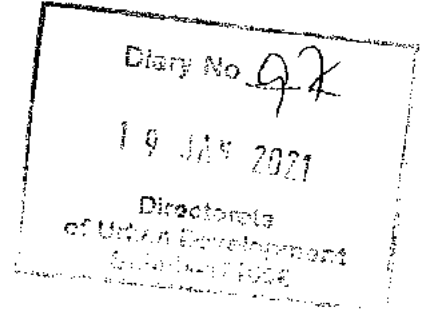
Najesh
Sh. Kabir
From

No. STE-E(3)-34/2018-loose
Government of Himachal Pradesh
Department of Env., Sci. & Technology

The Pr. Secretary (Env. Sci.&T) to the
Government of Himachal Pradesh

To

The Member Secretary,
Central Pollution Control Board,
Ministry of Environment, Forest and Climate Change,
Govt. of India, New Delhi-110003.



Dated: Shimla-2, the January, 2021.
Subject: Action Plan in compliance to O.A No. 593/2017-titled Paryavaran Suraksha Samiti & others vs. Union of India & Ors.

Sir,

I am directed to enclose a copy of Action Plan in compliance of OA No. 593/2017- titled Paryavaran Suraksha Samiti & others vs. Union of India & Ors. A committee having Director (Urban Development), Director (Rural Development), Director (Env.,Sci.&Tech.), Member Secretary (SPCB) and Engineer-in-Chief (JSV) as Nodal Member/Convenor was constituted for formulation and execution of Action Plan for Sewage treatment and utilization of treated waste water with respect to each city, town and village. The Committee deliberated and prepared a draft Action Plan which was presented before the Chief Secretary, Govt. of Himachal Pradesh and same was approved.

It is requested that the Action Plan may be taken on record in compliance to the order passed on 21-05-2020 by the Hon'ble NGT in OA No. 593/2017- titled Paryavaran Suraksha Samiti & others vs. Union of India & Ors.

Yours faithfully,

(Satpal Dhiman)

Joint Secretary (Env. Sci.,&Tech) to the
Government of Himachal Pradesh
Phone No. 0177-2621874

Endst. No. STE-E(3)-34/2018-loose Dated: Shimla-171002, the 11-01-2021.

Copy forwarded to the followings for information:

1. The Director (Urban Development), HP Shimla-171002.
2. The Director (Rural Development), HP Shimla-171009.
3. The Director (Env.,Sci.&Tech.) U.S Club, Shimla-171001.
4. The Member Secretary, HPPCB Shimla-171009.

Joint Secretary (Env. Sci.,&Tech) to the
Government of Himachal Pradesh

11-01-2021

Himachal Pradesh
Jal Shakti Vibhag

H.P. Secretary (Env., Sci. & Tech.)
55-22/317
31-12-2020

No. JSV-SE-(P&I-I) D-I-NGT (593)/2020-21-2561-66
To

Dated 21.12.2020

(The Secretary (Env., Sci. & Tech).
To the Govt of H.P. Shimla-171002.

Subject: Action Plan in compliance to OA no. 593/2017 titled Paryavaran Suraksha Samiti & Others vs Union of India & Others.

In compliance to order dated 21-05-2020 passed by Hon'ble NGT in OA No. 593/2017, the action plan approved by the committee was sent to your office vide this office letter no. No. JSV-SE-P&I-I-EE (D-I)-NGT 2019-2213-18 dated 13-11-2020.

Thereafter, a meeting was held on 24.11.2020 under the Chairmanship of Sh. Anil Khachi, Chief Secretary to the GoHP to obtain the approval of the State Government. The minutes of the meeting were circulated vide endorsement No. STE-E(3)-29/2018-Loose dated 07-12-2020, wherein it has been directed to revise and resubmit the Action Plan by incorporating the decision taken during the meeting.

Accordingly, the revised Action Plan is enclosed herein for taking further necessary action please.

Encl.: As above

(Er. Naveen Puri)
Nodal Member / Convenor -cum-
Engineer-in-Chief (JSV),
Jal Shakti Bhawan, Shimla-05.

Copy to:-

1. The Secretary (JSV) to the Govt. of Himachal Pradesh Shimla-01 for information please.
2. The Director (Urban Development), Palika Bhawan, Talland Shimla-2 for information please.
3. The Director (Rural Development), Block -27, SDA Complex, Kasumpti, Shimla-09 for information please.
4. The Director (Env., Sci. & Tech)), Paryavaran Bhawan, Near US Club, Shimla-1 for information please.
5. The Member Secretary, H.P. State Pollution Control Board, Him Parivesh, Phase-III Shimla-09 for information please.

(Er. Naveen Puri)
Nodal Member / Convenor -cum-
Engineer-in-Chief (JSV),
Jal Shakti Bhawan, Shimla-05.

Handwritten:
JH- Secy (EST)
30/12/2020

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31/12/2020
S.P. CESTD
M.K.L.

ACTION PLAN OF HIMACHAL PRADESH FOR TREATMENT OF SEWAGE AND UTILISATION OF TREATED WASTE WATER IN RURAL AND URBAN AREAS IN COMPLIANCE TO HON'BLE NGT ORDER IN OA 593/2017

In compliance to order dated 21-05-2020 passed by Hon'ble National Green Tribunal, Delhi in OA No. 593/2017, the Secretary (Env., Sci. & Tech.) to the GoHP has constituted a committee vide office order No. STE-E(3)-34/2018 dated 06-06-2020. The terms and references of the committee are:

1. The aforesaid committee shall prepare action plans for sewage treatment and utilisation of treated waste water with respect to each city town and village in the state of HP in terms of directions passed by Hon'ble NGT dated 21-05-2020.
2. After finalisation of plans by the Committee, the same shall be compiled by the Member Convenor and further submitted to Central Pollution Control Board well before 30-06-2020.
3. In guidelines issued by the CPCB, some suggestive actions are highlighted which may be kept in view while formulating the action plans. The suggestive actions are as under:
 - i). Estimation of quantity of present and projected sewage generation.
 - ii). Estimation of present and planned treatment capacity.
 - iii). Identification of bulk users and to quantify their usage.
 - iv). Estimation of quantity of treated sewage to be used by the bulk users.
 - v). Timelines for meeting the targets be specified.
4. The aforesaid Committee shall ensure that all the issues highlighted in the directions of Hon'ble NGT should be properly addressed and covered in the action plans. The committee shall also ensure execution of the action plans.

I Programmes for Implementation of the Action Plan

The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) is providing basic services (e.g. water supply, sewerage, urban transport) to

households and build amenities in cities which will improve the quality of life for all, especially to the poor and the disadvantaged, which is a national priority. Therefore, the one of purpose of AMRUT is to ensure that every household has access to a tap with assured supply of water and a sewerage connection.

Similarly, Swachh Bharat Mission - Gramin (SBM - G) is the programme of Government of India launched on 2nd October, 2014, by modifying the erstwhile Nirmal Bharat Abhiyan (NBA). is a **community-led** and **people-oriented** programme aimed at bringing about an improvement in the general quality of life in the rural areas, by promoting cleanliness, hygiene and eliminating open defecation. Develop where required, Community managed sanitation systems focusing on scientific Solid & Liquid Waste Management systems for overall cleanliness in the rural areas.

The AMRUT programme is being implemented in the state by the Himachal Pradesh Urban Development (UD) Department, and in case of SBM the implementing department is Rural Development (RD). The technical support for implementation of these programmes is provided by the Himachal Pradesh Jal Shakti Vibhag, as and when demanded by the UD and RD departments.

JSV is implementing the sewerage works in other towns, where separate budget is allocated for specific work by the State. The state is committed to treat the waste water and comply with effluent requirements prescribed by CPCB/ HPSPCB, thus, the action plan has been chalked out to cover both urban and rural areas, keeping in view the programmes of the Government of India as well as budgetary provision under state heads as elaborated hereunder:

2 Action Plan for Sewage Treatment in Urban and Rural Areas

2.1 Urban Areas

There are 61 towns (7 towns newly included recently) in Himachal Pradesh, and in 54 towns of the state waste water treatment facilities have been taken up by the state government. It is estimated that 210.49 MLD of sewage will be generated in all these towns considering projected design period of 15 years and treatment capacity of 109.22 MLD has already been created so far. Thus, in order to bridge

(4)

this gap, STPs of 101.27 MLD capacity is required to be created at different locations in the state. The town-wise details are at **Annexure – I**.

To bridge this gap in treatment capacity (101.27 MLD), there is an additional fund requirement of Rs. 123.83 Crore.

The gap between created sewage treatment capacity and actual utilization of the capacity is also planned in the Action Plan in order to comply with orders of Hon'ble NGT for 100% treatment of effluent/ sewage. The sewerage network will be developed to bridge the gap of 139.63 MLD (including additional 101.27 MLD STPs to be created) for connectivity of the designed sewage generated. The town-wise details for sewage network are at **Annexure – II** and funds to the tune of **Rs. 341.69** Crore are required for these activities.

2.2 Rural Areas

In rural areas, the government is taking various steps under the Swachh Bharat Mission (SBM) to make all states in the country ODF and Himachal Pradesh is one of the states in the country which has achieved ODF status, therefore, in rural areas toilet facilities with septic tanks for each household are available and in use.

Although, construction of toilets and septic tanks is part of the solution for managing and treating the sewage, safe disposal of septage is covered in this Action Plan.

The state proposes following actions to curb the problem of septage:

1. HPRDD has identified 166 GPs all over the state having semi-urban/ peri-urban status, for management of the septage in these areas, nearby STPs (existing/ proposed) have been identified as mapped in **Annexure – III**. These identified STPs will be used by the HPRDD/ PRIs for disposal of the septage without any fee/ usage charges.
2. Sewage Treatment Plants (STPs) receiving septage from Gram Panchayats shall be equipped with adequate facilities for treatment.

3. The collection and transportation of septage upto the STPs shall be carried out through respective Panchayats by the HPRDD as per the micro-implementation plan finalized by it.
4. The directions are being issued to all the Panchayats, Residential Townships/Colonies, Bulk Generators etc. for the disposal of the septage at the existing STPs only, and any violation of the orders shall be dealt strictly.
5. The fertilizer/ manure produced at the STPs (after complete stabilization) will be provided to the interested farmers, free of cost at the STP site.
6. The septage management in other rural areas shall be carried out by the HPRDD by ensuring construction of double pit toilets.
7. The awareness programmes on importance of septage management through training, workshops and radio jingles etc. will be launched and carried out throughout the State in the coming one year by HPRDD.

The management of the septage from the rural areas will also increase the utilization of the surplus capacity of STPs which have been mapped for this purpose, thus will reduce the gap between created treatment capacity and its utilization.

2.3 Utilisation of sewage treated water

The matter regarding use of Treated Waste Water (TWW) by bulk users like Industrial Clusters, Metro Rail, Indian Railways, Infrastructure projects, Agriculture, Bus Depot and PWD is under the active consideration of the state. As per provisions of CPHEEO manual the reuse of TWW is not fully recommended for irrigation of edible crops or plants. Owing to geographical constraints in Himachal Pradesh, the feasibility of reuse of the TWW for irrigation is low.

Keeping above factors in view, following actions have been envisaged:

1. As per the Action Plan, the STPs have been proposed for upgradation (details appended at **Annexure – IV**) to achieve the admissible limits of vital parameters and same has been ensured in new proposals. The fund

requirement for upgradation has been worked to be Rs. 29.65 Crore and this will enable the bulk water users to utilize whole of the treated sewage i.e. 210.49 MLD

2. Arrangement for collection of the TWW at the outlet of the STPs (having tertiary treatment facility) will be provided at all STPs for industry, citizens and bulk water users for secondary purposes and processes that do not require direct human contact. The state will not levy user charges from such users, however, the users will have to make their own arrangements to carry the treated waste water either through tankers or pipe lines.
3. The bulk water users will be identified by Industries Department/ HPSPCB in the industrial areas for use of the treated waste water and it shall be ensured that these users utilize the treated waste water as proposed above.


Engineer-in-Chief
Jal Shakti Vibhag

HIMACHAL PRADESH

ACTION PLAN FOR EXECUTION OF PLAN FOR SEWAGE TREATMENT BY SETTING REQUISITE FUNCTIONAL STPs

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Gap in System Capacity (A-B)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	Remarks
1	Bilaspur	Sewerage Scheme Bilaspur Town	7.00	0.00	7.00		Dec-22		Posed for funding under AFD
2	Bilaspur	Sewerage Scheme Talai	1.65	0.00	1.65	1.64	Jun-22		
3	Bilaspur	Sewerage Ghumarwin	1.20	1.20	0.00				
4	Bilaspur	Shri Naina Deviji	1.35	1.35	0.00				
5	Chamba	Sewerage Scheme Chamba	4.76	3.89	0.87	3.50	Dec-22		
6	Chamba	Sewerage scheme Dalhousie	2.15	0.00	2.15	5.50	Sep-22		
7	Chamba	Sewerage scheme Chowari	1.45	0.00	1.45	4.25	Sep-22		
8	Hamirpur	Sewerage Scheme Hamirpur Town	6.31	5.73	0.58	2.25	Dec-21		
9	Hamirpur	Sewerage Scheme Nadain	1.69	1.69	0.00				
10	Hamirpur	Sewerage Scheme Sujampur	3.25	3.25	0.00				
11	Hamirpur	Sewerage Scheme Bhota	1.50	0.00	1.50	3.30	Dec-22		
12	Kangra	Sewerage Scheme to Nurpur Town	3.13	3.13	0.00				
13	Kangra	Sewerage Scheme to Jawah Town	1.35	0.00	1.35	3.00	Dec-22		
14	Kangra	Sewerage Scheme D/Sala	8.00	5.60	2.40	1.60	Jun-22		
15	Kangra	Sewerage Scheme Nagrota	1.34	1.34	0.00				
16	Kangra	Sewerage Scheme Kangra	3.77	3.77	0.00				
17	Kangra	Sewerage Scheme Dehra	1.38	1.38	0.00				
18	Kangra	Prov. Sewerage Scheme Palampur	0.80	0.35	0.45	1.20	Sep-22		Posed for funding under AFD
19	Kangra	Sew Bajjnath Paprota	3.64	0.00	3.64	6.67	Dec-22		

MAs. *[Signature]*

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Gap-in System Capacity (A-B)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	
								Remarks	
20	Kangra	Sew Jawalamukhi	2.83	2.83	0.00				
21	Kangra	Sewerage Scheme to Shahpur Town	0.40	0.00	0.40	1.00	Dec-22		
22	Kullu	Sewerage Scheme Kullu Town	5.45	5.45	0.00				
23	Kullu	Sew. Sch. Manali & Rangri Manali	16.30	1.82	14.48		Sep-21	Under NGT - 673	
24	Kullu	Sewerage Scheme Bhunter	2.32	2.32	0.00				
25	Kullu	Sewerage Scheme Banjar Town	0.55	0.00	0.55	1.60	Dec-22		
26	Kullu	Sewerage Scheme Anni	0.55	0.00	0.55	1.15	Dec-22		
27	Kullu	Sewerage Scheme Nirmand	0.75	0.00	0.75	1.60	Dec-22		
28	Mandi	Sewerage Scheme Sarkaghat	2.37	2.37	0.00				
29	Mandi	Improvement of STP Sewerage Scheme Mandi	10.58	4.30	6.28		Sep-21	Under NGT - 673	
30	Mandi	Sewerage Scheme Sundernagar	4.30	3.55	0.75	1.00	Dec-22		
31	Mandi	Sewerage Scheme Rewalsar Town	0.35	0.00	0.35	0.20	Jun-22		
32	Mandi	Sew Ner Chowk	3.36	0.00	3.36	16.47	Dec-22		
33	Mandi	Sewerage Scheme Joginder Nagar Town Distt. Mandi	1.74	1.74	0.00				
34	Mandi	Sew Karsog	0.90	0.00	0.90		Dec-22	Posed for funding under AFD	
35	Shimla	Providing Sewerage Scheme Rampur	4.66	4.66	0.00	9.08	Sep-22		
36	Shimla	Sew. Sch. Rohru Town	1.75	1.75	0.00				
37	Shimla	Sew Jubbal	0.65	0.65	0.00				

M.A. P. (10)

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Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Gap-in System Capacity (A-B)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	Remarks
38	Shimla	Sew Kotkhai	0.47	0.00	0.47		Sep-21		Under NGT - 673
39	Shimla	Sew Theog	1.15	1.15	0.00				
40	Shimla	Sew Narkanda	0.45	0.45	0.00				
41	Shimla	Sew Sunni	1.45	0.00	1.45	2.90	Sep-22		
42	Shimla	Providing Sewerage Chopal	0.20	0.00	0.20	0.40	Dec-22		
43	Shimla	Sewerage Scheme Chirgaon	0.50	0.00	0.50	1.35	Dec-22		
44	Shimla	Sewerage Scheme Nerwa	0.95	0.00	0.95	2.50	Dec-22		
45	Sirmour	Sewerage Scheme Nahan	5.50	0.00	5.50		Dec-22		Posed for funding under AFD
46	Sirmour	Sewerage Scheme Paonta	3.16	1.44	1.72	4.00	Jun-21		
47	Sirmour	Sewerage Scheme Rajgarh	1.50	0.00	1.50	4.20	Dec-22		
48	Solan	Sewerage Scheme Solan	7.10	2.90	4.20	20.00	Dec-22		
49	Solan	Sewerage Scheme Nalagarh	3.62	3.62	0.00				Under NGT - 673
50	Solan	Sewerage Scheme Baddi	5.50	5.50	0.00	4.00			Amount required for liabilities
51	Solan	Sewerage Scheme Parwanoo	2.00	0.00	2.00		Jun-21		Under NGT - 673
52	Solan	Sewerage Scheme Arki	0.70	0.70	0.00				
53	Solan	Sewerage Scheme Kandaghat	0.40	0.00	0.40	1.25	Dec-22		
54	Una	Sew Una	3.18	3.18	0.00				
55	Una	Sewerage Scheme Santokhgarh	2.50	0.00	2.50	3.00	Jun-22		
56	Una	Sewerage Scheme Gagret	3.14	0.00	3.14	2.00	Dec-22		
57	Una	Sewerage Scheme Mehatpur	0.73	0.10	0.63	2.15	Jun-21		
58	Una	Sew. Sch. Tahliwal	1.00	0.00	1.00	2.00	Dec-22		

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Gap- in System Capacity (A-B)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	Remarks
59	Una	Sewerage Scheme Amb	0.80	0.00	0.80	2.07	Dec-22		
60	Una	Sew Daulatpur	2.00	0.00	2.00	4.00	Dec-22		
		Sub Total	163.53	83.16	80.37	123.83			
61	Shimla - Town								
i	Shimla	Dhali	2.26	0.76	1.50		Mar-22		Funding under World Bank Project and AMRUT.
ii	Shimla	Lalpani	25.20	11.00	14.20		Mar-22		
iii	Shimla	Malyana	8.42	3.22	5.20		Mar-22		
iv	Shimla	North Disposal	5.80	5.80	0.00				
v	Shimla	Snowdown	1.35	1.35	0.00				
vi	Shimla	Summerhill	3.93	3.93	0.00				
		Sub Total	46.96	26.06	20.90	0.00			
		Grand-Total	210.49	109.22	101.27	123.83			

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M.A.S. (SCE/D)

**HIMACHAL PRADESH
ACTION PLAN FOR - 100% TREATMENT OF SEWAGE/ EFFLUENTS**

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Actual Treatment (C)	Gap- in connectivity (A-C)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in ULD	Remarks
1	Bilaspur	Sewerage Scheme Bilaspur Town	7.00	0.00	0.00	7.00	-	Dec-22		Posed for funding under AFD
2	Bilaspur	Sewerage Scheme Talai	1.65	0.00	0.00	1.65	3.17	Jun-22		
3	Bilaspur	Sewerage Ghumarwin	1.20	1.20	0.98	0.22	4.10	Sep-22		
4	Bilaspur	Shri Naina Deviji	1.35	1.35	0.75	0.60	-	Dec-21		Funds available from Mandir trust
5	Chamba	Sewerage Scheme Chamba	4.76	3.89	2.60	2.16	2.25	Dec-22		
6	Chamba	Sewerage scheme Dalhousie	2.15	0.00	0.00	2.15	3.50	Sep-22		
7	Chamba	Sewerage scheme Chowari	1.45	0.00	0.00	1.45	6.50	Sep-22		
8	Hamirpur	Sewerage Scheme Hamirpur Town	6.31	5.73	5.36	0.95	-	Dec-21		Funds available
9	Hamirpur	Sewerage Scheme Nadaun	1.69	1.69	0.54	1.15	5.50	Sep-21		Under NGT - 673
10	Hamirpur	Sewerage Scheme Sujanpur	3.25	3.25	2.25	1.00	1.00	Dec-21		
11	Hamirpur	Sewerage Scheme Bhota	1.50	0.00	0.00	1.50	3.00	Dec-22		
12	Kangra	Sewerage Scheme to Nurpur Town	3.13	3.13	0.20	2.93	-	Dec-21		Funds available
13	Kangra	Sewerage Scheme to Jawah Town	1.35	0.00	0.00	1.35	26.00	Dec-22		
14	Kangra	Sewerage Scheme D/Sala	8.00	5.60	3.45	4.55	1.25	Jun-22		
15	Kangra	Sewerage Scheme Nagrota	1.34	1.34	0.85	0.49	1.00	Dec-22		
16	Kangra	Sewerage Scheme Kangra	3.77	3.77	1.93	1.84	0.26	Jun-22		
17	Kangra	Sewerage Scheme Dehra	1.38	1.38	0.30	1.08	1.00	Sep-22		
18	Kangra	Prov. Sewerage Scheme Palampur	0.80	0.35	0.35	0.45	-	Dec-22		Posed for funding under AFD

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Actual Treatment (C)	Gap in connectivity (A-C)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	Remarks
19	Kangra	Sew Bajinath Paprola	3.64	0.00	0.00	3.64	54.00	Dec-22		
20	Kangra	Sew Jawalamukhi	2.83	2.83	1.88	0.95	-	Jun-22		Funds available
21	Kangra	Sewerage Scheme to Shahpur Town	0.40	0.00	0.00	0.40	3.00	Dec-22		
22	Kullu	Sewerage Scheme Kullu Town	5.45	5.45	4.55	0.90	-	Jun-22		Funds available unde AMRUT
23	Kullu	Sew. Sch. Manali & Rangri Manali	16.30	1.82	1.82	14.48	-	Sep-21		Under NGT - 673
24	Kullu	Sewerage Scheme Bhunter	2.32	2.32	1.90	0.42	0.50	Jun-22		
25	Kullu	Sewerage Scheme Banjar Town	0.55	0.00	0.00	0.55	4.20	Dec-22		
26	Kullu	Sewerage Scheme Anni	0.55	0.00	0.00	0.55	6.05	Dec-22		
27	Kullu	Sewerage Scheme Nirmand	0.75	0.00	0.00	0.75	8.80	Dec-22		
28	Mandi	Sewerage Scheme Sarkaghat	2.37	2.37	0.70	1.67	-	Dec-21		Funds available
29	Mandi	Improvement of STP Sewerage Scheme Mandi	10.58	4.30	1.74	8.84	-	Dec-21		Under NGT - 673
30	Mandi	Sewerage Scheme Sundernagar	4.30	3.55	2.90	1.40	15.26	Dec-22		
31	Mandi	Sewerage Scheme Rewalser Town	0.35	0.00	0.00	0.35	0.50	Jun-22		
32	Mandi	Sew Ner Chowk	3.36	0.00	0.00	3.36	39.97	Dec-22		
33	Mandi	Sewerage Scheme Joginder Nagar Town Distr. Mandi	1.74	1.74	1.30	0.44	-			Funds available

M.A. (S.E.O.)

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Actual Treatment (C)	Gap in connectivity (A-C)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	Remarks
34	Mandi	Sew Karsog	0.90	0.00	0.00	0.90		Dec-22		Posed for funding under AFD
35	Shimla	Providing Sewerage Scheme Rampur	4.66	4.66	2.55	2.11	6.75	Sep-22		
36	Shimla	Sew. Sch. Rohru Town	1.75	1.75	1.40	0.35	0.35	Sep-22		
37	Shimla	Sew Jubbal	0.65	0.65	0.31	0.34				Funds available
38	Shimla	Sew Kotkhai	0.47	0.00	0.00	0.47	3.18	Sep-21		
39	Shimla	Sew Theog	1.15	1.15	0.00	1.15	2.00	Dec-21		
40	Shimla	Sew Narkanda	0.45	0.45	0.15	0.30	0.20	Dec-21		
41	Shimla	Sew Sunni	1.45	0.00	0.00	1.45	1.50	Dec-22		
42	Shimla	Providing Sewerage Chopal	0.20	0.00	0.00	0.20	2.50	Dec-22		
43	Shimla	Sewerage Scheme Chirgaon	0.50	0.00	0.00	0.50	7.43	Dec-22		
44	Shimla	Sewerage Scheme Nerwa	0.95	0.00	0.00	0.95	12.50	Dec-22		
45	Sirmour	Sewerage Scheme Nahau	5.50	0.00	0.00	5.50		Dec-22		Posed for funding under AFD
46	Sirmour	Sewerage Scheme Paonta	3.16	1.44	1.44	1.72	1.50	Dec-21		
47	Sirmour	Sewerage Scheme Rajgarh	1.50	0.00	0.00	1.50	12.87	Dec-22		
48	Solan	Sewerage Scheme Solan	7.10	2.90	1.00	6.10	64.80	Dec-22		
49	Solan	Sewerage Scheme Nalagarh	3.62	3.62	2.40	1.22		Dec-22		
50	Solan	Sewerage Scheme Baddi	5.50	5.50	2.24	3.26	2.00	Sep-21		Under NGT - 673
51	Solan	Sewerage Scheme Parwanoo	2.00	0.00	0.00	2.00		Sep-21		For outskirts areas to be connected
52	Solan	Sewerage Scheme Arki	0.70	0.70	0.30	0.40	0.25	Jun-21		Under NGT - 673
53	Solan	Sewerage Scheme Kandaghat	0.40	0.00	0.00	0.40	7.35	Mar-21		
								Dec-22		

Sr No	District	Name of Scheme	Sewage generation (A)	Installed Treatment Capacity (B)	Actual Treatment (C)	Gap-in connectivity (A-C)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD	Remarks
54	Una	Sew Una	3.18	3.18	0.64	2.54	2.00	Mar-21		
55	Una	Sewerage Scheme Santokhgarh	2.50	0.00	0.00	2.50	3.00	Mar-22		
56	Una	Sewerage Scheme Gagret	3.14	0.00	0.00	3.14	2.40	Dec-21		
57	Una	Sewerage Scheme Mehatpur	0.73	0.10	0.08	0.65	1.00	Jun-21		
58	Una	Sew. Sch. Tahliwal	1.00	0.00	0.00	1.00	3.00	Dec-22		
59	Una	Sewerage Scheme Amb	0.80	0.00	0.00	0.80	8.30	Dec-22		
60	Una	Sew Daulatpur	2.00	0.00	0.00	2.00	6.00	Dec-22		
		Sub Total	163.53	83.16	48.86	114.67	341.69			
61	Shimla - Town									
i	Shimla	Dhalli	2.26	0.76	1.00	1.26		Mar-22		Funding under World Bank Project and AMRUT
ii	Shimla	Lalpani	25.20	11.00	11.50	13.70		Mar-22		
iii	Shimla	Mayana	8.42	3.22	4.50	3.92		Mar-22		
iv	Shimla	North Disposal	5.80	5.80	3.70	2.10		Mar-22		
v	Shimla	Snow-down	1.35	1.35	0.60	0.75		Mar-22		
vi	Shimla	Summerhill	3.93	3.93	0.70	3.23		Mar-22		
		Sub Total	46.96	26.06	22.00	24.96	0.00			
		Grand Total	210.49	109.22	70.86	139.63	341.69			

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M.A.E. *See (10)*

ACTION PLAN - SEPTAGE MANAGEMENT
Mapping of STPs for Semi-Urban and Peri-Urban Areas in Himachal Pradesh

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
1	Bilaspur	Sadar	Raghunathpura	2019	554	Ghumarwin	Bilaspur	
2	Bilaspur	Sadar	Bamta	5500	1480	Ghumarwin	Bilaspur	
3	Bilaspur	Ghumarwin	Ghumarwin	3187	773	Ghumarwin		
4	Bilaspur	Jhandutta	Berthin	4425	1085	Ghumarwin		
5	Chamba	Chamba	Sarol	2973	714	Chamba		
6	Chamba	Chamba	Haripur	2966	716	Chamba		
7	Chamba	Chamba	Rajpura	2351	619	Chamba		
8	Chamba	Chamba	Udaipur	3250	865	Chamba		
9	Chamba	Chamba	Kiyani	2143	520	Chamba		
10	Chamba	Chamba	Draman	1991	470	Dharamshala		
11	Hamirpur	Hamirpur	Sasan	249	-	Hamirpur		
12	Hamirpur	Hamirpur	Anu	1649	453	Hamirpur		
13	Hamirpur	Hamirpur	Bajuri	683	183	Hamirpur	Bajuri	
14	Hamirpur	Hamirpur	Bassi Jhanyara	820	245	Hamirpur		
15	Hamirpur	Hamirpur	Darubi	495	124	Hamirpur		
16	Hamirpur	Hamirpur	Matti Thira	725	170	Hamirpur		
17	Hamirpur	Bhoranj	Aghar	366	88	Hamirpur		
18	Hamirpur	Nadaun	Bharmoli Khurad	672	157	Nadaun	Bhota	
19	Hamirpur	Nadaun	Kohla	470	88	Nadaun		
20	Hamirpur	Nadaun	Bela	915	169	Nadaun		

M.P. No. 11/2019

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
21	Hamirpur	Sujanpur	Darla	847	191	Sujanpur		
22	Hamirpur	Sujanpur	Dera	122	33	Sujanpur		
23	Hamirpur	Bamson	Sarahkar	360	92	Hamirpur		
24	Hamirpur	Bamson	Dugha	1026	257	Hamirpur		
25	Hamirpur	Bamson	Swahal	445	105	Hamirpur		
26	Hamirpur	Bijhari	Morsu Sultani	840	231	Hamirpur	Bhota	
27	Kangra	Baijnath	Aveni	4580	665	Palampur	Baijnath	
28	Kangra	Baijnath	Bheth Jikhli	1690	390	Palampur	Baijnath	
29	Kangra	Baijnath	Kharanal	2108	497	Palampur	Baijnath	
30	Kangra	Dehra	Kathog	3600	880	Dehra		
31	Kangra	Dehra	Dhawala	3437	780	Dehra		
32	Kangra	Dehra	Bari Khas	557	433	Dehra		
33	Kangra	Dehra	Majheen	4319	992	Dehra		
34	Kangra	Dehra	Surani	3268	688	Dehra		
35	Kangra	Dehra	Khudian	3200	700	Dehra		
36	Kangra	Dehra	Haripur	4100	1020	Dehra		
37	Kangra	Dehra	Thakurdwara	2819	861	Dehra		
38	Kangra	Dharanishala	Gaggal	1733	366	Dharanishala		
39	Kangra	Nagrota Bagwan	Keer Chamba	1491	343	Nagrota		
40	Kangra	Nagrota Bagwan	Tharu	3496	811	Nagrota		
41	Kangra	Nagrota Bagwan	Ghorab	1455	368	Nagrota		
42	Kangra	Nagrota Bagwan	M.Chahri	3507	806	Nagrota		
43	Kangra	Nagrota Bagwan	Hatwas	3698	883	Nagrota		

M.A.S. (Nagrota)

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
44	Kangra	Nagrota Surian	Nagrota Surian	3018	930	Dehra	Jawali	
45	Kangra	Nagrota Surian	Kolla	3055	612	Nurpur	Jawali	
46	Kangra	Panchrukhi	Idoh	2420	577	Palampur		
47	Kangra	Panchrukhi	Banuri khas	2520	629	Palampur		
48	Kangra	Panchrukhi	Bhirdi	758	197	Palampur		
49	Kangra	Panchrukhi	Chadiar	1253	307	Palampur		
50	Kangra	Panchrukhi	Rajpur	1820	554	Palampur		
51	Kangra	Rait	Harchakian	2452	589	Dharamshala	Jawali	
52	Kangra	Rait	Manali	1792	446	Dharamshala	Jawali	
53	Kangra	Rait	Bhrowplahar	1465	345	Dharamshala		
54	Kullu	Naggar	Manali	339	89	Manali		
55	Kullu	Naggar	Nasogi	920	229	Manali		
56	Kullu	Naggar	Shateen	345	85	Manali		
57	Kullu	Kullu	Shamshi	425	105	Kullu		
58	Kullu	Kullu	Shurad	295	75	Kullu		
59	Kullu	Kullu	Khokhan	350	90	Kullu		
60	Kullu	Kullu	Legubehad	410	95	Kullu		
61	Kullu	Kullu	Bath	450	110	Kullu		
62	Mandi	Chauntra	Dhelo	3757	1223	Jogindernagar		
63	Mandi	Drang	Diah	3888	920	Jogindernagar		
64	Mandi	Drang	Garoru Nichla	2416	428	Jogindernagar		
65	Mandi	Karsog	Pangna	2874	768	Sundernagar	Karsog	
66	Mandi	Bath	Chalah	2474	680	Mandi	Ner chownk	

M.A.S. JESU

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
67	Mandi	Balh	Dauhandi	2406	751	Sundermagar	Ner chowk	
68	Mandi	Balh	Baggi	1618	443	Sundermagar	Ner chowk	
69	Mandi	Balichowki	Aur	2873	235	Bhunter		
70	Mandi	Sunder Nagar	Nagwain	4464	404	Sundermagar		
71	Mandi	Sunder Nagar	Balichowki	2350	491	Bhunter		
72	Mandi	Sunder Nagar	Mahadev	4494	869	Sundermagar		
73	Mandi	Sunder Nagar	Pandoh	2788	734	Mandi		
74	Mandi	Sunder Nagar	Manjhwar	3641	498	Sundermagar		
75	Mandi	Sunder Nagar	Sanyahardh	2536	456	Sundermagar		
76	Mandi	Sunder Nagar	Talyahar	1386	540	Sundermagar		
77	Mandi	Sunder Nagar	Tung	1967	307	Mandi		
78	Shimla	Chohara	Jangala	2850	630	Robru		
79	Shimla	Chopal	Chanju Chopal	2261	588	Theog	Chopal	
80	Shimla	Chopal	Thana	1902	500	Theog	Chopal	
81	Shimla	Chopal	Pujarli	2785	450	Theog	Chopal	
82	Shimla	Chopal	Rusla	2650	535	Theog	Chopal	
83	Shimla	Mashobra	Malyana	1391	282	Lallpani	Dhalli	
84	Shimla	Mashobra	Anandpur	4618	1042	Lallpani		
85	Shimla	Mashobra	Chamyana	2084	430	Snowdown	Dhalli	
86	Shimla	Mashobra	Pujarli	3140	782	Lallpani		
87	Shimla	Mashobra	Dhalli	2477	579	Snowdown	Dhalli	
88	Shimla	Mashobra	Mashobra	1541	335	Snowdown	Dhalli	
89	Shimla	Mashobra	Naldehra	2174	483	Snowdown	Dhalli	

mt as. (Recd)

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
90	Shimla	Mashobra	Baldeyan	4929	1103	Snowdown	Dhalli	
91	Shimla	Mashobra	Rajhana	1353	328	Lallpani	Dhalli	
92	Shimla	Mashobra	Thadi	2284	538	Lallpani	Futu	
93	Shimla	Mashobra	Kufri	1126	263	Theog		
94	Shimla	Mashobra	Koti	3183	627	Theog		
95	Shimla	Mashobra	Pagog	639	183	North Disposal		
96	Shimla	Mashobra	Bhont	1559	356	North Disposal		
97	Shimla	Mashobra	Tutu	1204	288	Summerhill	Futu	
98	Shimla	Mashobra	Chayali	2319	548	Summerhill		
99	Shimla	Mashobra	Neri	1833	395	Summerhill	Futu	
100	Shimla	Mashobra	Bychari	1270	290	Summerhill		
101	Shimla	Mashobra	Dudhati	2074	481	North Disposal		
102	Shimla	Mashobra	Ghanahati	1665	372	Summerhill	Futu	
103	Shimla	Mashobra	Shakraha	2481	545	Summerhill	Futu	
104	Shimla	Mashobra	Junga	2696	766	Lallpani		
105	Shimla	Mashobra	Dhamoon	2247	540	Summerhill	Futu	
106	Shimla	Mashobra	Baagi	1615	348	Summerhill	Futu	
107	Shimla	Mashobra	Dummi	1284	323	North Disposal		
108	Shimla	Rohru	Adhal	290	77	Rohru		
109	Shimla	Rohru	Brasali	110	35	Rohru		
110	Shimla	Rohru	Karalash	250	50	Rohru		
111	Shimla	Jubbhal	Saraswati Nagar	1658	413	Jubbhal		
112	Shimla	Jubbhal	Gumma	1473	428	Kotkhai		

M.A.S. NCCO

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
113	Shimla	Jubbal	Kuddu	1685	394	Jubhal		
114	Sirmour	Sangrah	Nobradhar	3394	626	Solan	Rajgarh	
115	Sirmour	Rajgarh	Bhaina	1632	376	Solan	Rajgarh	
116	Sirmour	Rajgarh	Deedag	1637	364	Solan	Rajgarh	
117	Solan	Dharampur	Dharampur	5345	1445	Solan	Parwanoo	
118	Solan	Dharampur	Gelhai	2159	496	Solan	Parwanoo	
119	Solan	Dharampur	Jangeshu	3862	594	Baddi	Parwanoo	
120	Solan	Dharampur	Banian	2827	634	Baddi		
121	Solan	Dharampur	Jadla	3712	777	Kunihar		
122	Solan	Dharampur	Garkhal Samavar	2134	575	Baddi	Parwanoo	
123	Solan	Dharampur	Kasadi Garkhal	5204	2176	Baddi	Parwanoo	
124	Solan	Dharampur	Chundi	2122	479	Baddi		
125	Solan	Dharampur	Goela	2806	638	Nalagarh		
126	Solan	Dharampur	Sarapur	2319	543	Baddi		
127	Solan	Dharampur	Jabli	5195	880	Baddi	Parwanoo	
128	Solan	Dharampur	Barotivala	5282	1065	Baddi		
129	Solan	Dharampur	Madhala	3652	905	Baddi	Parwanoo	
130	Solan	Dharampur	Kalu Ahanda	2540	648	Baddi	Parwanoo	
131	Solan	Dharampur	Taksal	3560	620	Baddi	Parwanoo	
132	Solan	Kandaghat	Chail	1196	292	Lailpani		
133	Solan	Kandaghat	Wakna	1585	362	Solan		
134	Solan	Kandaghat	Syri	2496	530	Kunihar		
135	Solan	Kandaghat	Hinner	2888	694	Solan		

M.A.E. No. 1000

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
136	Solan	Kandaghat	Banjani	1601	382	Lallpani		
137	Solan	Kandaghat	Jadhana	1617	365	Kunihar		
138	Solan	Kunihar	Hatkot	523	2137	Kunihar		
139	Solan	Kunihar	Kothi	691	3248	Kunihar		
140	Solan	Kunihar	Kunihar	693	4310	Kunihar		
141	Solan	Kunihar	Domechar	491	2578	Kunihar		
142	Solan	Kunihar	Daria	982	6073	Arki	Darlaghat	
143	Solan	Nalagarh	Khera	3379	635	Nalagarh		
144	Solan	Nalagarh	Radiyali	3638	898	Nalagarh		
145	Solan	Nalagarh	Thana	3265	633	Baddi		
146	Solan	Nalagarh	Dhella	2404	468	Baddi		
147	Solan	Nalagarh	Dhang Nihali	4826	905	Nalagarh		
148	Solan	Nalagarh	Kirpalpur	3776	876	Nalagarh		
149	Solan	Nalagarh	Malpur	4510	742	Nalagarh		
150	Solan	Nalagarh	Ramshehar	3203	719	Nalagarh		
151	Solan	Nalagarh	Manpura	3845	695	Baddi		
152	Solan	Solan	Anji	1589	366	Solan		
153	Solan	Solan	Barog	1205	441	Solan		
154	Solan	Solan	Basal	5200	721	Solan		
155	Solan	Solan	Chewa	2140	484	Solan		
156	Solan	Solan	Kothon	1391	256	Solan		
157	Solan	Solan	Safogra	447	734	Solan		
158	Solan	Solan	Saproom	1975	465	Solan		

M.A.S. (2)

S. N.	Name of District	Name of Block	Name of GP	Present Population	HH	STP - mapped for Septage Management	STP - mapped for Septage Management after construction of proposed STP	Remarks
159	Solan	Solan	Seri	1537	392	Solan		
160	Solan	Solan	Parag	1985	522	Solan		
161	Solan	Solan	Shanti	1332	314	Solan		
162	Solan	Solan	Sanhol	1799	357	Solan		
163	Una	Una	Arniwala Lower	2240	603	Una		
164	Una	Una	Jhalera	2259	543	Una		
165	Una	Una	Rampur	2368	574	Una		
166	Una	Una	Tabba	5324	1235	Una		
Total				375446	103393			

Note: 1 The additional infrastructure cost, if any, to manage the septage shall be worked out by JSV at STPs run by it depending upon volume of septage received at each STP.

**HIMACHAL PRADESH
ACTION PLAN FOR - ACHIEVEMENT OF EFFLUENT NORMS AT STPs**

Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
1	Bilaspur	Sewerage Scheme Bilaspur Town	7.00	0.00	0.00	No		Dec-22	Posed for funding under AFD & included in Annexure - I
2	Bilaspur	Sewerage Scheme Talai	1.05	0.00	0.00	Yes	0.50	Jun-22	
3	Bilaspur	Sewerage Ghumarwin	1.20	1.20	0.98	Yes	0.65	Mar-22	
4	Bilaspur	Shri Naina Deviji	1.35	1.35	0.75	Yes	0.50	Jun-21	
5	Chamba	Sewerage Scheme Chamba	3.76	3.89	2.60	Yes	6.45	Dec-22	Includes the cost of upgradation.
6	Chamba	Sewerage scheme Dalhousie	2.15	0.00	0.00	No		Sep-22	Tertiary Treatment included at Annexure - I
7	Chamba	Sewerage scheme Chowari	1.45	0.00	0.00	No			alongwith STP estimate.
8	Hamirpur	Sewerage Scheme Hamirpur Town	6.31	5.73	5.36	Yes	0.50	Dec-21	
9	Hamirpur	Sewerage Scheme Nadaun	1.69	1.69	0.54	Yes	0.25	Dec-21	
10	Hamirpur	Sewerage Scheme Sujampur	3.25	3.25	2.25	Yes	0.30	Jun-22	
11	Hamirpur	Sewerage Scheme Bhota	1.50	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
12	Kangra	Sewerage Scheme to Nurpur Town	3.13	3.13	0.20	Yes	0.50	Jun-21	

M.A.S.
NCCW

Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
13	Kangra	Sewerage Scheme to Jawali Town	1.35	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
14	Kangra	Sewerage Scheme D/Sala	8.00	5.60	3.45	Yes	2.00	Jun-22	
15	Kangra	Sewerage Scheme Nagrota	1.34	1.34	0.85	Yes	0.20	Jun-22	
16	Kangra	Sewerage Scheme Kangra	3.77	3.77	1.93	Yes	1.20	Jun-22	
17	Kangra	Sewerage Scheme Dehra	1.38	1.38	0.30	Yes	2.00	Sep-22	
18	Kangra	Prov. Sewerage Scheme Palampur	0.80	0.35	0.35	No		Dec-22	Posed for funding under AFD & included in Annexure - I
19	Kangra	Sew Bajjnath Paprola	3.64	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
20	Kangra	Sew Jawalamukhi	2.83	2.83	1.88	No			Tertiary Treatment already provided
21	Kangra	Sewerage Scheme to Shahpur Town	0.40	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
22	Kullu	Sewerage Scheme Kullu Town	5.45	5.45	4.55	Yes	1.00	Jun-22	
23	Kullu	Sew. Sch. Manali & Rangri Manali	16.30	1.82	1.82	No		Sep-21	Tertiary Treatment included at Annexure - I alongwith STP estimate.

M.A.S. *RECD*

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Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
24	Kullu	Sewerage Scheme Bhunter	2.32	2.32	1.90	Yes	1.50	Jun-22	
25	Kullu	Sewerage Scheme Banjar Town	0.55	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
26	Kullu	Sewerage Scheme Anni	0.55	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
27	Kullu	Sewerage Scheme Nirmand	0.75	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
28	Mandi	Sewerage Scheme Sarkaghat	2.37	2.37	0.70	Yes	0.40	Dec-21	
29	Mandi	Improvement of STP Sewerage Scheme Mandi	10.58	4.30	1.74	No		Sep-21	Tertiary Treatment included at Annexure - I alongwith STP estimate.
30	Mandi	Sewerage Scheme Sundernagar	4.30	3.55	2.90	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
31	Mandi	Sewerage Scheme Rewalser Town	0.35	0.00	0.00	Yes	0.75	Jun-22	
32	Mandi	Sew Ner Chowk	3.36	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.

MA-04-
Jeeva

Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
33	Mandi	Sewerage Scheme Joginder Nagar Town Distt. Mandi	1.74	1.74	1.30	Yes	0.75	Dec-21	
34	Mandi	Sew Karsog	0.90	0.00	0.00	No		Dec-22	Posed for funding under AFD & included in Annexure - I
35	Shimla	Providing Sewerage Scheme Rampur	4.66	4.66	2.55	Yes	0.50	Sep-22	
36	Shimla	Sew. Sch. Rohru Town	1.75	1.75	1.40	Yes	3.05	Sep-22	
37	Shimla	Sew Jubbal	0.65	0.65	0.31	Yes	1.50	Jun-22	
38	Shimla	Sew Kotkhai	0.47	0.00	0.00	Yes	1.00	Sep-21	
39	Shimla	Sew Theog	1.15	1.15	0.00	Yes	1.50	Jun-22	
40	Shimla	Sew Narkanda	0.45	0.45	0.15	Yes	1.00	Dec-22	
41	Shimla	Sew Sunni	1.45	0.00	0.00	Yes	0.40	Dec-22	
42	Shimla	Providing Sewerage Chopal	0.20	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
43	Shimla	Sewerage Scheme Chirgaon	0.50	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
++	Shimla	Sewerage Scheme Nerwa	0.95	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.

MANE (Sd/-)

Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
45	Sirmour	Sewerage Scheme Nahani	5.50	0.00	0.00	No		Dec-22	Posed for funding under AFD & included in Annexure - I
46	Sirmour	Sewerage Scheme Paonta	3.16	1.44	1.44	Yes	0.50	Dec-21	
47	Sirmour	Sewerage Scheme Rajgarh	1.50	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
48	Solan	Sewerage Scheme Solan	7.10	2.90	1.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
49	Solan	Sewerage Scheme Nalagarh	3.62	3.62	2.40	No			Tertiary Treatment already provided
50	Solan	Sewerage Scheme Baddi	5.50	5.50	2.24	No			Tertiary Treatment already provided
51	Solan	Sewerage Scheme Parwanoo	2.00	0.00	0.00	No		Jun-21	Under NGT - 673 and included at Annexure - I alongwith STP estimate
52	Solan	Sewerage Scheme Arki	0.70	0.70	0.30	Yes	0.60	Jun-21	
53	Solan	Sewerage Scheme Kandaghat	0.40	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
54	Una	Sew Una	3.18	3.18	0.64	Yes	0.15	Jun-21	

M.A.E. JETD

Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
55	Una	Sewerage Scheme Santokhgarh	2.50	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
56	Una	Sewerage Scheme Gagret	3.14	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
57	Una	Sewerage Scheme Mehatpur	0.73	0.10	0.08	No		Jun-21	Tertiary Treatment included at Annexure - I alongwith STP estimate.
58	Una	Sew. Sch. Tahliwal	1.00	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
59	Una	Sewerage Scheme Amb	0.80	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.

Sr No	District	Name of Scheme	Sewage generation (A)	Treatment Capacity (B)	Actual Treatment (C)	Requirement of Tertiary Treatment (Yes/ No)	Fund Requirement (Rs. In Crore)	Time Line for Completion	Capacity in MLD Remarks
60	Una	Sew Daultapur	2.00	0.00	0.00	No		Dec-22	Tertiary Treatment included at Annexure - I alongwith STP estimate.
Sub Total			163.53	83.16	48.86		29.65		
61	Shimla - Town								
i	Shimla	Dhali	2.26	0.76	1.00	Yes	Upgradation of STPs under AMRUT.	Mar-22	Funding under World Bank for 4 projects which include provision of tertiary treatment.
ii	Shimla	Lalpani	25.20	11.00	11.50	Yes		Mar-22	
iii	Shimla	Malyana	8.42	3.22	4.50	Yes		Mar-22	
iv	Shimla	North Dispusai	5.80	5.80	3.70	Yes		Mar-22	
v	Shimla	Snowdown	1.35	1.35	0.60	Yes		Mar-22	
vi	Shimla	Summerhill	3.93	3.93	0.70	Yes		Mar-22	
Sub Total			46.96	26.06	22.00		0.00		
Grand Total			210.49	109.22	70.86	0.00	29.65		

M.A.S. (Recd)

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