National Mission for Clean Ganga

Monthly Progress Report for the Month of October, 2020

(In compliance to NGT order dated 24.09.2020 in O.A No. 673 of 2018)

Sr. No.	Information Sought	Reply by Punjab State
Overall status of the State:		
I.	Total Population: Urban Population & Rural Population separately	• Total Population: 2.77 Cr. (2011 census) • Rural- 173.3 Lakh, • Urban- 103.74 Lakh
II.	Estimated Sewage Generation (MLD):	2, 111 MLD
III.	**Details of Sewage Treatment Plant:**	
	• Existing no. of STPs and Treatment Capacity (in MLD)	116 STPs (1628.5 MLD)
	• Capacity Utilization of existing STPs:	80%
	• MLD of sewage being treated through Alternate technology:	2 STPs of 500 KLD each
	• Gap in Treatment Capacity in MLD	648 MLD
	• No. of Operational STPs:	115
	• No. of Complying STPs:	78
	• No. of Non-complying STPs:	37
	Details of each existing STP in the State	Information on existing 116 STPs in the state is provided in **Annexure -I.**
	Details of under construction STPs in the State	Information on STPs under construction in the State is provided in **Annexure -II.**
	Details of proposed STPs in the State	Information on 132 STPs being STP up in State is provided in **Annexure -III.**

IV	**<u>Details of Industrial Pollution:</u>**	
	• No. of industries in the State:	22,724
	• No. of water polluting industries in the State:	4,039
	• Quantity of effluent generated from the industries in MLD:	392
	• Quantity of Hazardous Sludge generated from the Industries in TPD:	198.24
	• Number of industrial units having ETPs:	1723
	• Number of industrial units connected to CETP:	2258
	• Number and total capacity of ETPs (details of existing/ under construction / proposed)	1723 & 393 MLD
	• Compliance status of the ETPs:	Complying= 1613 Not Complying=110
	• Number and total capacity of CETPs (details of existing/ under construction / proposed)	• Existing CETPs- 4 (20.535 MLD) ➢ 1 CETP for Dyeing, Ludhiana =15 MLD ➢ 1 CETP for electroplating industries in Ludhiana = 0.5 MLD. ➢ 1 CETP for Leather Complex Jalandhar= 5 MLD. ➢ 1 CETP Phillaur, Jalandhar = 0.035 MLD Note:- The CETP installed by Malerkotla Electroplating Association, is now just collection center for collection of trade effluent generated by tiny electroplating units. The trade effluent collected by Association is got lifted to CETP, Ludhiana, being operated by M/s J.B.R Technology, Ludhiana) • Under Const. CETPs-:3 (90.15 MLD) ➢ 1 CETP, Ludhiana = 50 MLD ➢ 1 CETP, Ludhiana = 40 MLD ➢ 1 CETP, Jalandhar= 0.15 MLD

	• Status of compliance and operation of the CETP	Out of 4 CETPs, 2 CETPs are compliant. The details of CETPs is provided in **Annexure-IV.**
V.	Total number of Urban Local Bodies and their Population	
	• Current Municipal Solid Waste Generation	4100 TPD
	• 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), biomethanation, MRF etc	• 6970 Aerobic Compost Pits (including 291 pits of BWGs & others) having total capacity of 940 TPD constructed. In addition to this, a central compost facility of 800 TPD at MC Ludhiana and 200 TPD at Bathinda has been constructed. On-site composting of horticulture waste is also being carried out in 1871 parks/ green belts/ institutions. • 213 MRFs and a central facility of 800 TPD at MC Ludhiana and 200 TPD at Bathinda has been constructed for management of dry waste. 1 RDF facility exists at Bathinda
	• Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)	Out of total quantity of MSW generated i.e. 4100 TPD, total quantity of 3053 TPD (74%) is processed. ULBs have prepared planned to achieve the 100% physical targets of composting units-pits and MRFs and 100% processing of waste coupled with source segregation by 31st March, 2021. Sincere efforts are being made to achieve the goal in time. Handholding support, capacity building and behaviour change IEC is being carried out at various levels i.e. State, Regional, District, ULBs and ward level. A dedicated team of 140 Community Facilitators and 350+ Motivators is deployed at ULB's level exclusively for

		conducting various behaviour change IEC activities and C&B of the stakeholders. From May 2020, 49 Webinars have been organized by PMIDC itself for various stakeholders.
	• No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)	One C&D waste processing plant exist at Bathinda. MC Amritsar, Jalandhar and Ludhiana are in process of tender. C&D waste management projects of ULBs approved by State Level Advisory Committee/ SBM-U and funds already released to 109 ULBs. ULBs are in process of purchasing and installation of necessary machineries. Funds are releasing to the remaining ULBs as per their demand.
	• Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source	• Total no. of wards- 3117 • No. of wards having D to D facility- 3100 (covering around 97.25% of total households) • No. of wards practicing source segregation- 2786. (covering around 81 % of total households)
	• Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)	• 813 Aerobic Composting Pits to be constructed. • 93 MRFs to be installed • 3 WTE facilities to be installed ULB wise details are attached as **Annexure- V**
	• No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.	There are 174 dump sites (approx 552 acre) in 163 ULBs. Sanitary landfill already set up in MC Ludhiana and Moonak and under construction in NP Mudki and Chamkaur Sahib. Projects already approved for all ULBs by State Level Advisory Committee/ SBM-U. Funds already released to 42 ULBs and are being released to remaining ULBs as per their demand. However, smaller

		ULBs also working for zero landfill city status.
	• No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers	There is no legacy waste within 1Km buffer of both side of the rivers.
	No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers	172 vulnerable points near water bodies were identified, out of which arrangements have been made at 110 points to prevent entry of solid waste. ULBs are working continuously to cover such 100% points.
Status of ULB wise Management of Solid Waste		Information attached at **Annexure V.**
VI.	**<u>Bio-medical Waste Management:</u>**	
	Total Bio-medical generation:	16 TPD
	No. of Hospitals and Health Care Facilities:	13682 HCFs
	Status of Treatment Facility/ CBMWTF:	5 common Bio-medical Waste treatment facilities exist and operational at Mohali, Pathankot, Ludhiana, Mukatsar and Amritsar.
VII.	**<u>Hazardous Waste Management:</u>**	
	Total Hazardous Waste generation:	• Landfillable = 28113.7822 MT • Incinerable = 4581.297 MT • Recyclable = 23721.974 MT • Utilizable = 31974.2 MT
	No. of Industries generating Hazardous waste	3,265
	Treatment Capacity of all TSDFs	One treatment facility namely Punjab Waste Management Project (Unit - Ramky Enviro Engineers Limited) exists at Vill. Nimbuan,

		Dera Bassi. The capacity of the unit to cater the HW generation is 5.4 lac Ton.
	Avg. Quantity of Hazardous waste reaching the TSDFs and Treated	Around 2083 MT/Month
	Details of on-going or proposed TSDF	The existing CTSDF at vill. Nimbuan, Dera Bassi is in process of installation of incinerator in its premises for incinerating the Hazardous Waste and the same is likely to be installed by the end of this financial year i.e. 31.03.2021.
VIII.	**Plastic Waste Management:**	
	Total Plastic Waste generation:	327 TPD
	Treatment/ Measures adopted for reduction or management of plastic waste:	• Manufacturing, sale and usage of plastic carry bags have been banned in the State w.e.f. 1st April 2016. • Usages of Single Use Plastic Items including water bottles have been banned in the offices of ULBs. • Cloth banners are being used and wall paintings are being made preferably to the flex banners. • Usage of cloth bags, paper bags and metal utensils and pattals/ done are being promoted. • In process of channelization of plastic wastes (municipal solid waste) by involving plastic waste re-cyclers.
IX	Details of Alternate Treatment Technology being adopted by the State/UT	Alternate Technology being adopted for wastewater treatment includes in-situ bioremediations of various drains and STPs: • The work for in-situ remediation of the Sirhind Choe (near Bhadson, District Patiala), with the demonstration of Constructing Wet Land Technology has been completed. The performance of the technology is under evaluation and will

		be replicated in rest of the drains in depending upon its success. • In-situ remediation of Bhulana drain carried out by Punjab Pollution Control Board with installing bioremediation, phyto-remediation enhanced through Nano Bubble Technology on Pilot basis and is under evaluation. • WSP based STP at Bhulath has been upgraded by adding Nano Bubble Technology. The performance of the technology is under evaluation and will be replicated in rest of the drains in depending upon its success. • The work on piloting low cost ecofriendly on 500 KLD STP for Banur, based on modified constructed wetland approach, is likely to be completed by Decmber,20.
X	• Identification of polluting sources including drains contributing to river pollution	Various polluted sources include: • Domestic sewage including Dairy Waste • Industrial wastewater • Agriculture run-off
	• Actions as per NGT order on in-situ treatment of drains:	In-situ treatment of drains: • The work for in-situ remediation of the Sirhind Choe (near Bhadson, District Patiala), with the demonstration of Constructing Wet Land Technology has been completed. The performance of the technology is under evaluation and will be replicated in rest of the drains in depending upon its success. • In-situ remediation of Bhulana drain carried out by Punjab Pollution Control Board with installing bioremediation, phyto-remediation enhanced through

		Nano Bubble Technology on Pilot basis and is under evaluation. • WSP based STP at Bhulath has been upgraded by adding Nano Bubble Technology. The performance of the technology is under evaluation and will be replicated in rest of the drains in depending upon its success. • The work on piloting low cost ecofriendly on 500 KLDSTP for Banur, based on modified constructed wetland approach, is likely to be completed by December,20.
XI	Details of Nodal Officer appointed by Chief Secretary in the State/UT:	Directorate of Environment and Climate Change (DECC), Govt. of Punjab is the Nodal Department for rendering technical services & acting as Environmental Management Cell to O/o Chief Secretary in compliance of NGT Orders
XII	Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:	• Progress w.r.t implementation of various Environmental Action Plans is being reviewed regularly by State Apex Committee constituted under the Chairpersonship of Chief Secretary, Punjab. • 10th Meeting of State Level Apex Committee under the chairpersonship of Chief Secretary, Punjab was held on 03.09.20.
XIII	Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;	• 4 polluted river stretches and major drains contributing to rivers identified. • The range of water quality of polluted river stretches monitored in the month of October, 2020 as per CPCB:

		○ Sutlej (Roopnagar to Harike Bridge): C to E (Priority-I) ○ Ghaggar (Sardulgarh to Mubarkpur): D to E (Priority-I) ○ Beas (Along Mukerian): B (Priority-V) ○ Beas (Sultanpur Lodhi to Confluence point to Beas): B (Priority-IV) • The latest water quality of the polluted water stretches along with the flow details is attached at **Annexure VI.**
XIV	Ground water regulation:	• Government of Punjab notified Punjab Water Regulation and Development Authority in June, 2020 for the management and regulation of water resources to ensure judicious, equitable and sustainable utilization of water. • Directorate of Ground Water Management set up by State with the prime objective of conserving and managing water resources. • In order to deal with the problems of falling water table, increasing surface water pollution and water logging in the south-west Punjab etc., Govt. of Punjab signed an agreement with M/s Mekorot, National Water Company, Israel on 23rd October, 2018 to formulate Water Conservation and Management Master Plan (WCMMP) for the State of Punjab. M/s Mekorot will give recommendation to State on Current Situation of the water Sector, water-based economy regulations, projection of water resources viz-a-viz demand, alternative water supply schemes within 18 months i.e by October, 2020.

XV	Good irrigation practices being adopted by the State:	• Good irrigation practice such as drip irrigation, sprinkler irrigation, laser leveling, etc are being adopted and promoted in the State by Department of Agriculture and Department of Soil and Water Conservation.
XVI	Rain Water Harvesting:	• Rain water harvesting is being carried out by Department of Soil and Water Conservation in Kandi area of Punjab by constructing check dams, rain water harvesting structures, silt detention structures, stream bank protection, contour bunding, runoff check and drop structures etc. • The State Government has made rainwater harvesting mandatory for all public and commercial establishments and all properties in plots covering more than 500 sq. m in urban areas.
XVII	Demarcation of Floodplain and removal of illegal encroachments:	Department of Water Resources informed that flood protection embankment has been already constructed on both sides of the river in state. As the rivers are already channelized, therefore flood plain zoning is not technically feasible.
XVIII	Maintaining minimum e-flow of river:	• Minimum 15% of average lean season flow is being maintained in river Sutlej (640 cusecs) & Beas (370 cusec) by Department of Water Resources in compliance of NGT order dated 9.8.2017 in O.A. No. 498 of 2015 in the matter of "Pushp Saini Vs MoEF&CC GoI. • As per Department of Water Resources, there is no regulation point in the State for Ghaggar, which is not a perennial river. As per Department of Water Resources, there is no regulation point in

		the State for Ghaggar, which is not a perennialriver. • Chief Engineer/Canals vide his office Memo No. 522-23 dated 27.7.2020 has requested Engineer-in-Chief/ Irrigation and Water Resources, Govt. of Haryana for release of water from Kaushalya Dam for maintaining E-Flow in River Ghaggar.
XIX	Plantation activities along the rivers:	• Plantation is regularly being carried by Department of Forest on the side slopes of embankments and berms of rivers which help in checking erosion of embankments and river berms/edges. • Municipal Corporation, Ludhiana planted 4270 saplings of various plants including Shady, Medicinal, Fruit and Flowering trees at various sites across the catchment area of Budha Nallah.
XX	Development of Biodiversity park:	• Municipal Corporation, Ludhiana selected 6 sites for development of Biodiversity Parks at Ludhiana. • Matter is being taken up with Department of Forest to explore the feasibility of using CAMPA funds for setting up of Bio-diversity parks and plantation purposes in the catchment areas of the rivers to enhance the biodiversity.
XXI	Reuse of Treated Water:	• The Government of Punjab has Notified "The State Treated Waste Water Policy 2017" to promote recycling and reuse of treated sewerage for non- potable applications. Till date, 47 number projects have been completed by Department of Soil & Water Conservation, Punjab for using 243.3 MLD treated wastewater of STPs. These projects have been

		implemented by laying underground pipeline system for irrigation water conveyance covering an area of 7652 hectares. • The Department further proposes to utilize 1238.8 MLD of treated wastewater from 164 existing, under progress and proposed/new STPs for irrigation purposes for an agricultural area of 37,683 hectares. Others relevant Departments are also exploring various options to promote utilization of the treated wastewater of STPs for non-potable use such as domestic use, construction activities, industrial processes, urban landscaping & green belts, etc. • A separate State Action Plan for Reuse of Treated Sewage has been submitted to CPCB in compliance of NGT Orders dated 21.05.20 in O.A. No. 593/2017 with O.A. No. 148/2016.
XXII	Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:	**Beas.** The river is meeting the B Class Water Quality Criteria of CPCB.
XXIII	Status of Preparation of Action Plan by the 13 Coastal States:	Not Applicable
XXIV	Regulation of Mining Activities in the State/UT	The mining operations is being strictly carried out in accordance with the approved mining plan and after complying with all the conditions stipulated in Environmental & Other Statutory Clearance. Mine owner shall follow the operational procedure (for sale, dispatch, storage, reserve reconciliation and transportation) as per terms of agreement with the Department of Mining, Punjab.

XXV	Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring.	Action against the non-compliant units is taken regularly from time to time by the PPCB.

ANNEXURE I

Details of the Existing STPs in the State of Punjab

Sr. No.	River	District	Name of STP/ Town	Concerned Deptt.	Cap. (MLD)	Tech.	Cap. Being Utilized (MLD)	Operational Status of STP	Monitoring Results for October,20
River Towns									
1	Sutlej	Ludhiana	Jamalpur	MCL	48	UASB	48	Not Operational	Non-Compliant
2	Sutlej	Ludhiana	Bhattian-I	MCL	111	UASB	111	Operational	Non-Compliant
3	Sutlej	Ludhiana	Bhattian-II	MCL	50	SBR	50	Operational	Non-Compliant
4	Sutlej	Ludhiana	Balloke-I	MCL	152	UASB	117	Operational	Compliant
5	Sutlej	Ludhiana	Balloke-II	MCL	105	SBR	101	Operational	Non-Compliant
6	Sutlej	Jalandhar	Pholriwal-I	MCJ	100	UASB	100	Operational	Non-Compliant
7	Sutlej	Jalandhar	Pholriwal-II (Girdhari Lal)	MCJ	25	SBR	25	Operational	Compliant
8	Sutlej	Jalandhar	Pholriwal-III (Eco Chem)	MCJ	25	SBR	25	Operational	Compliant
9	Sutlej	Jalandhar	Basti Peer Dad	MCJ	50	SBR	50	Operational	Compliant
10	Sutlej	Jalandhar	Bambian Wali Cantt	MCJ	10	SBR	4	Operational	Compliant
11	Sutlej	Jalandhar	Jaitawali	MCJ	25	SBR	18	Operational	Non-Compliant
12	Sutlej	Kapurthala	Phagwara-I	PWSSB	20	UASB	20	Operational	Compliant
13	Sutlej	Kapurthala	Phagwara-II (Hadibad)	PWSSB	8	MBBR	8	Operational	Compliant
14	Sutlej	Kapurthala	Phagwara-III (Palahi Road)	PWSSB	8	MBBR	8	Operational	Compliant
15	Sutlej	Jalandhar	Phillaur-I	PWSSB	3	MBBR	-	Operational	Compliant
16	Sutlej	Jalandhar	Phillaur-II	PWSSB	2.6	WSP	2.6	Operational	Non-Compliant
17	Sutlej	Jalandhar	Nakodar	PWSSB	6	SBR	-	Operational	Non-Compliant

Sr. No.	River	District	Name of STP/ Town	Concerned Deptt.	Cap. (MLD)	Tech.	Cap. Being Utilized (MLD)	Operational Status of STP	Monitoring Results for October,20
18	Sutlej	SBS Nagar	Nawashahar	PWSSB	6	SBR	6	Operational	Compliant
19	Sutlej	SBS Nagar	Banga	PWSSB	3	SBR	-	Operational	Compliant
20	Sutlej	Hoshiarpur	Hoshiarpur	PWSSB	30	MBBR	18	Operational	Compliant
21	Sutlej	Rupnagar	Nangal	PWSSB	8	ASP	8	Operational	Compliant
22	Sutlej	Rupnagar	Bruari Nangal	PWSSB	5	ASP	-	Operational	Compliant
23	Sutlej	Ludhiana	Machhiwada	PWSSB	4	SBR	2	Operational	Non-Compliant
24	Sutlej	Ludhiana	Sahnewal	PWSSB	7	SBR	4.5	Operational	Not Monitored
25	Sutlej	Rupnagar	Ropar-I	PWSSB	10	SBR	10	Operational	Compliant
26	Sutlej	Rupnagar	Ropar-II (Rasoolpur)	PWSSB	2.5	SBR	2.5	Operational	Compliant
27	Sutlej	Rupnagar	Ropar-III (Sadabarat)	PWSSB	2	SBR	2	Operational	Compliant
28	Sutlej	Ludhiana	Jagraon-I	PWSSB	12	SBR	-	Operational	Non-Compliant
29	Sutlej	Ludhiana	Jagraon-II	PWSSB	16	SBR	10	Operational	Non-Compliant
30	Sutlej	Bathinda	Goniana	PWSSB	3	WSP	3	Operational	Compliant
31	Sutlej	Moga	Moga	PWSSB	27	SBR	27	Operational	Compliant
32	Sutlej	Fazilka	Abohar	PWSSB	25	SBR	22.5	Operational	Compliant
33	Sutlej	Muktsar	Malout-I	PWSSB	3	WSP	3	Operational	Non-Compliant
34	Sutlej	Muktsar	Malout-II	PWSSB	10	MBBR	7	Operational	Compliant
35	Sutlej	Moga	Dharamkot	PWSSB	4	SBR	3.5	Operational	Compliant
36	Sutlej	Ferozepur	Makhu	PWSSB	4	SBR	1.2	Operational	Compliant
37	Sutlej	Ferozepur	Talwandi Bhai	PWSSB	4	SBR	2	Operational	Compliant
38	Sutlej	Ferozepur	Zira	PWSSB	8	MBBR	8	Operational	Compliant
39	Sutlej	Fazilka	Jalalabad	MC	8	MBBR	6	Operational	Non-Compliant
40	Sutlej	Muktsar	Muktsar Sahib-I	DWSS	8.7	MBBR	-	Operational	Non-Compliant
41	Sutlej	Muktsar	Muktsar Sahib-II	DWSS	5.7	MBBR	-	Operational	Non-Compliant
42	Sutlej	Muktsar	Muktsar Sahib-III	DWSS	3.5	MBBR	-	Operational	Not Monitored
43	Sutlej	Rupnagar	Anandpur Sahib	DWSS	8	MBBR	-	Operational	Compliant
44	Sutlej	Mohali	Kurali	GMADA	5	SBR	-	Operational	Compliant

Sr. No.	River	District	Name of STP/ Town	Concerned Deptt.	Cap. (MLD)	Tech.	Cap. Being Utilized (MLD)	Operational Status of STP	Monitoring Results for October,20
45	Sutlej	Rupnagar	Nangal	BBMB	6.7	ASP	-	Operational	Compliant
46	Sutlej	Jalandhar	East Jalndhar Cantt-I	MES	3	MBBR	-	Operational	Compliant
47	Sutlej	Jalandhar	East Jalndhar Cantt-II	MES	3	MBBR	-	Operational	Non-Compliant
48	Sutlej	Jalandhar	East Jalndhar Cantt-III	MES	0.4	MBBR	-	Operational	Compliant
49	Sutlej	Jalandhar	West Jalandhar Cantt-I	MES	1.5	MBBR	-	Operational	Compliant
50	Sutlej	Jalandhar	West Jalandhar Cantt-II	MES	1.5	MBBR	-	Operational	Compliant
51	Beas	Pathankot	Pathankot	PWSSB	27	SBR	-	Operational	Non-Compliant
52	Beas	Gurdaspur	Sri Hargobindpur	PWSSB	1	WSP	1	Operational	Non-Compliant
53	Beas	Hoshiarpur	Mukerian	PWSSB	5	MBBR	2	Operational	Compliant
54	Beas	Hoshiarpur	Tanda	PWSSB	4	MBBR	2	Operational	Non-Compliant
55	Beas	Kapurthala	Begowal	PWSSB	2.5	SBR	2.5	Operational	Compliant
56	Beas	Kapurthala	Bholath	PWSSB	4	WSP	4	Operational	Non-Compliant
57	Beas	Hoshiarpur	Dasuya	MC	4	WSP	3.5	Operational	Non-Compliant
58	Beas	Kapurthala	Kapurthala	MC	25	UASB	25	Operational	Non-Compliant
59	Beas	Kapurthala	Sultanpur Lodhi	MC	2.6	WSP	1.8	Operational	Non-Compliant
60	Beas	Hoshiarpur	Sham Chuarasi	MC	1	WSP	1	Operational	Non-Compliant
61	Beas	Hoshiarpur	Talwara	BBMB	8	SBR	-	Operational	Compliant
62	Beas	Gurdaspur	GE, Air Force Pathankot	MES	3	MBBR	-	Operational	Compliant
63	Beas	Gurdaspur	GE, South Mammon (Lal Tikku Khad Area)	MES	2		-	Operational	Compliant
64	Beas	Gurdaspur	GE, West Pathankot	MES	8	MBBR	-	Operational	Non-Compliant
65	Beas	Gurdaspur	GE, South Mammon Pathankot	MES	2	MBBR	-	Operational	Non-Compliant
66	Beas	Gurdaspur	GE, South Basanter Line Area	MES	2	MBBR	-	Operational	Compliant
67	Ghaggar	Mohali	Banur	PWSSB	4	MBBR	4	Operational	Compliant
68	Ghaggar	Mansa	Baretta	PWSSB	3	WSP	3	Operational	Non-Compliant

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69	Ghaggar	Mansa	Bhikhi	PWSSB	3	WSP	3	Operational	Non-Compliant
70	Ghaggar	Mansa	Budhlada	PWSSB	6.5	MBBR	6.5	Operational	Non-Compliant
71	Ghaggar	Sangrur	Khanauri	PWSSB	3	SBR	3	Operational	Compliant
72	Ghaggar	Sangrur	Lehragaga	PWSSB	4	SBR	4	Operational	Compliant
73	Ghaggar	Fatehgarh Sahib	Mandi Gobindgarh	PWSSB	25	SBR	25	Operational	Compliant
74	Ghaggar	Sangrur	Moonak	PWSSB	3	SBR	3	Operational	Compliant
75	Ghaggar	Patiala	Patran	PWSSB	4	SBR	4	Operational	Compliant
76	Ghaggar	Patiala	Samana	PWSSB	10	SBR	10	Operational	Compliant
77	Ghaggar	Mansa	Sardulgarh	PWSSB	4	WSP	4	Operational	Non-Compliant
78	Ghaggar	Sangrur	Sunam	PWSSB	8	MBBR	8	Operational	Compliant
79	Ghaggar	Mohali	Zirakpur	PWSSB	17	SBR	17.3	Operational	Compliant
80	Ghaggar	Patiala	Rajpura-I	PWSSB	7	SBR	7	Operational	Compliant
81	Ghaggar	Patiala	Rajpura-II	PWSSB	10	SBR	10	Operational	Compliant
82	Ghaggar	Mohali	Mohali	GMADA	45.4	UASB	-	Operational	Compliant
83	Ghaggar	Mohali	Lalru	GMADA	1.5	SBR	1.5	Operational	Compliant
84	Ghaggar	Patiala	Patiala-I	MC	46	SBR	46	Operational	Compliant
85	Ghaggar	Patiala	Patiala-II	MC	10	SBR	10	Operational	Compliant
86	Ghaggar	Patiala	Patiala-III	PUDA	13	FAB	-	Operational	Compliant
87	Ghaggar	Mohali	Dera Bassi	PSIEC	2	MBBR	3	Operational	Not Monitored
88	Ghaggar	Mohali	Dera Bassi	MC	4	SBR	-	Operational	Compliant
89	Sutlej	Rupnagar	Morinda	PWSSB	5.5		-	Operational	Compliant
90	Sutlej	Muktsar	Gidderbaha	PWSSB	7		-	Operational	Compliant
91	Ghaggar	Fatehgarh Sahib	Mandi Gobindgarh	PSIEC	3	MBBR	-	Operational	Compliant
92	Ghaggar	Patiala	Nabha	PSIEC	2.5	SBR	-	Operational	Not Monitored
93	Beas	Kapurthala	Kapurthala	MES	1	MBBR	-	Operational	Not Monitored

Sr. No.	River	District	Name of STP/ Town	Concerned Deptt.	Cap. (MLD)	Tech.	Cap. Being Utilized (MLD)	Operational Status of STP	Monitoring Results for October,20
Non- River Towns									
94	Non- River	Amritsar	Amritsar (North)	PWSSB	95.00	ASP	178.00	Operational	Not Monitored in 0ct, 2020. However Compliant on the basis of samples collected on Aug, 2020
95	Non- River	Amritsar	Amritsar (South)	PWSSB	95.00	ASP		Operational	Not Monitored in oct, 2020. However Compliant on the basis of samples collected on Aug, 2020
96	Non- River	Bathinda	Bathinda	PWSSB	52.00	SBR	53.00	Operational	Compliant
97	Non- River	Bathinda	Bhucho	PWSSB	3.00	WSP	3.00	Operational	Non-Compliant
98	Non- River	Bathinda	Kot Fatta	PWSSB	1.50	WSP	1.50	Operational	Compliant
99	Non- River	Bathinda	Maur	PWSSB	5.00	MBBR	4.95	Operational	Compliant
100	Non- River	Bathinda	Rampura Phul	PWSSB	7.00	MBBR	7.00	Operational	Not monitored.
101	Non- River	Bathinda	Sangat	PWSSB	1.50	WSP	1.50	Operational	Yet to be stabilized.
102	Non- River	Bathinda	Talwandi Sabo	PWSSB	3.00	MBBR	3.00	Operational	Non-Compliant
103	Non- River	Tarn Taran	Tarn Taran	PWSSB	9.00	SBR	11.00	Operational	Not Monitored in oct, 2020. However Compliant on the basis of samples collected on Aug, 2020
104	Non- River	Fazilka	Fazilka	MC	8.00	WSP	8.00	Operational	Non-Compliant
105	Non- River	Gurdaspur	Dera Baba Nanak	PWSSB	1.50	WSP	1.50	Operational	Not monitored

Sr. No.	River	District	Name of STP/ Town	Concerned Deptt.	Cap. (MLD)	Tech.	Cap. Being Utilized (MLD)	Operational Status of STP	Monitoring Results for October,20
106	Non- River	Jalandhar	Nurmahal	GLADA	2.60	MBBR	0.80	Operational	Compliant
107	Non- River	Ludhiana	Maloud	GLADA	1.50	MBBR	1.30	Operational	Not monitored
108	Non- River	Ludhiana	Mullanpur Dakha	GLADA	3.00	MBBR	2.70	Operational	Compliant
109	Non- River	Ludhiana	Payal	GLADA	1.50	MBBR	1.20	Operational	Not monitored
110	Non- River	Ludhiana	Doraha	GLADA	2.80	MBBR	2.70	Operational	Compliant
111	Non- River	Ludhiana	Doraha	GLADA	1.00	MBBR	0.60	Operational	Non-Compliant
112	Non- River	Ludhiana	Doraha	GLADA	1.00	MBBR	0.60	Operational	Not monitored
113	Non- River	Mansa	Mansa	PWSSB	14.00	MBBR	14.00	Operational	Non-Compliant
114	Non- River	Ropar	Chamkaur Sahib	PWSSB	1.70	WSP	1.70	Operational	Non-Compliant
115	Non- River	Sangrur	Bhawanigarh	PWSSB	4.00	SBR	3.20	Operational	Under Stabilization Compliant
116	Non- River	SAS Nagar	Kharar	PWSSB	11.00	SBR	10.70	Operational	Non-Compliant

ANNEXURE II

Details of under construction STPs in Punjab

Sr. No.	River	District	ULB	Location of STP	Capacity of STP (MLD)	Physical Progress%	Status of I& D or House sever connections	Completion Timeline	Incremental Progress during October,2020 as compared to previous month
River Towns									
1	Sutlej	Jalandhar	Jalandhar	Pholriwal	50	Work Started	98%	30.06.22	1%
2	Sutlej	Ferozepur	Ferozepur	Ferozepur	18	Under testing	90%	31.12.20	Under stabilization
3	Sutlej	Ferozepur	Guru Har Sahai	Guru Har Sahai	1	40%	33%	30.06.21	20%
4	Sutlej	Ferozepur	Guru Har Sahai	Guru Har Sahai	4	20%		30.06.21	0%
5	Sutlej	Faridkot	Jaito	Jaito	6	Under testing	61%	31.12.20	Under testing
6	Sutlej	Faridkot	Kotakpura	Kotakpura	8	92%	58%	31.03.21	6%
7	Sutlej	Faridkot	Kotakpura	Kotakpura	6	90%		31.03.21	5%
8	Sutlej	Faridkot	Faridkot	Faridkot	14	Work Started	21%	31.12.22	Land acquired in July-Aug' 2020, work will be started soon, work withdrawn from agency. Tender called again and shall be received on 10.12.2020.
9	Sutlej	Moga	Baghapurana	Baghapurana	4	Work Started	85%	31.03.21	-

Sr. No.	River	District	ULB	Location of STP	Capacity of STP (MLD)	Physical Progress%	Status of I& D or House sever connections	Completion Timeline	Incremental Progress during October,2020 as compared to previous month
10	Beas	Tarn Taran		Goindwal Sahib	1.3	5%	70%	31.12.20	-
11	Ghaggar	Mansa	Boha	Boha	2	54%	Sewer laying in progress (on commissioned)	31.03.21	8%
12	Ghaggar	Patiala	Nabha	Nabha	12	Work Started	31%	31.03.22	STP-Design Submitted by Agency. Excavation of MPS started.
13	Ghaggar	Sangrur	Dhuri	Dhuri	5	28%	66%	31.12.21	0%
14	Ghaggar	Sangrur	Dhuri	Dhuri	6	Work Started		31.12.22	Work Started
15	Ghaggar	Sangrur	Sangrur	Sangrur	4	40%	61 %	31.12.21	0%
16	Ghaggar	Sangrur	Sangrur	Sangrur	11	Work Started		31.12.22	Work Started
17	Ghaggar	Fatehgarh Sahib	BassiPathana	BassiPathana	3	14%	42%	31.12.21	0%
18	Ghaggar	Fatehgarh Sahib	BassiPathana	BassiPathana	0.2	Work Started		31.12.21	Work Started
19	Ghaggar	Sangrur	Longowal	Longowal	5	Work Started	96%	30.06.22	Design being submitted by agency
20	Ghaggar	Fatehgarh Sahib	Sirhind	Sirhind	2	Work Started	55%	31.12.21	Work Started
21	Ghaggar	Fatehgarh Sahib	Sirhind	Sirhind	4	12%		31.12.21	0%

Sr. No.	River	District	ULB	Location of STP	Capacity of STP (MLD)	Physical Progress%	Status of I& D or House sever connections	Completion Timeline	Incremental Progress during October,2020 as compared to previous month
22	Ghaggar	Fatehgarh Sahib	Sirhind	Sirhind	5	20%		30.09.21	0%
23	Ghaggar	Mohali	Banur	Banur (Bassilsse Khan)	0.5	15%	85%	31.03.22	10%
24	Ghaggar	Patiala	Patiala	Shermajra	15	78%	82%	30.04.21	3%
25	Ghaggar	Patiala	Bahadurgarh	Bahadurgarh	4	Work Started	-	30.09.21	Work Started
26	Beas	Pathankot	Pathankot	FP, Pathankot	2	Work Started	63%	30.09.21	Work Started
Non- River Towns									
27	Non-River	Barnala	Barnala	Barnala	20.00	99% completed	88%	31.12.22	Completed. Under stabilization
28	Non-River	Barnala	Tappa	Tappa	3.00	Started	86%	30.09.22	Design being submitted by agency.
29	Non-River	Bathinda	Bathinda	Bathinda	4.50	42% work completed	88%	31.03.21	8%
30	Non-River	Gurdaspur	Batala	Batala	28.00	Started	57%	31.12.22	Design being submitted by agency.
31	Non-River	Jalandhar	Shahkot	Shahkot	3.00	80% completed	86%	31.03.21	5%
32	Non-River	Ludhiana	Khanna	Khanna	29.00	99%	38%	31.12.20	STP completed. Work of rehabilitation of MPS under progress.
33	Non-River	Sangrur	Malerkotla	Malerkotla	22.00	Started	85%	31.12.22	Design being submitted by agency.
34	Non-River	Sangrur	Ahmedgarh	Ahmedgarh	5.00	Started	77%	31.12.22	Design being submitted by agency.

Sr. No.	River	District	ULB	Location of STP	Capacity of STP (MLD)	Physical Progress%	Status of I& D or House sever connections	Completion Timeline	Incremental Progress during October,2020 as compared to previous month
35	Non-River	Tarn Taran	Tarn Taran	Tarn Taran	4.00	Started	70%	31.12.20	Completed. Under stabilization
36	Non-River	Amritsar	Amritsar	Amritsar (South East Zone)	27.50	Started	87%	31.12.20	Completed. Under stabilization

ANNEXURE III

Details of Proposed STPs in Punjab

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
A.	**Details of STPs - River Towns**							
1.	Satluj	Ludhiana	Jamalpur	Jamalpur	MCL	225	Tender approved by State Level Technical Committee, allotment of Work Under process	31.10.22
2.	Satluj	Ludhiana	Balloke	Balloke	MCL	50	Tender approved by State Level Technical Committee, allotment of Work Under process	30.04.22
3.	Sutlej	Jalandhar	Jalandhar	Basti Peer Dad	MCJ	15	Tender Stage	30.08.22
4.	Sutlej	Ferozepur	Ferozepur	Ferozepur	PWSSB	1	DPR Stage	31.12.22
5.	Sutlej	SBS Nagar	Balachaur	Balachaur	PWSSB	4	Tender Stage	30.06.22
6.	Sutlej	Hoshiarpur	Garshankar	Garhshankar	PWSSB	3	Tender Stage	30.06.22
7.	Sutlej	Rupnagar	Kiratpur	Kiratpur Sahib	PWSSB	2	Tender Stage	30.06.22
8.	Sutlej	Bathinda	Maluka	Maluka	PWSSB	1	Tender Stage	30.06.22
9.	Sutlej	SBS Nagar	Rahon	Rahon	PWSSB	3	Tender Stage	31.12.21
10.	Sutlej	Tarn Taran	Patti	Patti	PWSSB	8	Tender Stage	31.12.23
11.	Sutlej	Fazilka	Arniwala	Arniwala	PWSSB	2	Tender Stage	30.06.22
12.	Sutlej	Muktsar	Barriwala	Barriwala	PWSSB	2	DPR Stage	31.12.23
13.	Sutlej	Bathinda	BhagtaBhaike	BhagtaBhaike	PWSSB	3	DPR Stage	31.12.23
14.	Sutlej	Bathinda	Bhai Roopa	Bhai Roopa	PWSSB	4	DPR Stage	31.12.23

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
15.	Sutlej	Bathinda	Kotha Guru	Kotha Guru	PWSSB	3	DPR Stage	31.12.23
16.	Sutlej	Hoshiarpur	Mahilpur	Mahilpur	PWSSB	2	DPR Stage	31.12.23
17.	Sutlej	Ferozepur	Mallanwala	Mallanwala	PWSSB	3	DPR Stage	31.12.23
18.	Sutlej	Ferozepur	Mamdot	Mamdot	PWSSB	3	DPR Stage	31.12.23
19.	Sutlej	Ferozepur	Mudki	Mudki	PWSSB	3	DPR Stage	31.12.23
20.	Sutlej	Moga	Nihal Singh Wala	Nihal Singh Wala	PWSSB	3	DPR Stage	31.12.23
21.	Sutlej	Ludhiana	Raikot	Raikot	PWSSB	7	Tender Stage	30.06.22
22.	Sutlej	Muktsar Sahib	Muktsar Sahib	Muktsar Sahib	DWSS	15	DPR Stage	01.12.21
23.	Sutlej	SBS Nagar	Nawanshahr	Nawanshahr	PWSSB	4	DPR Stage	31.12.23
24.	Beas	Kapurthala	Sultanpur Lodhi	SultanpurLodhi	PWSSB	1.4	Tender Stage	30.09.22
25.	Beas	Kapurthala	Sultanpur Lodhi	SultanpurLodhi	PWSSB	1	Tender Stage	30.09.22
26.	Beas	Jalandhar	Kartapur	Kartarpur	PWSSB	4	Tender Stage	30.06.22
27.	Beas	Kapurthala	Dhilwan	Dhilwan	PWSSB	2.5	Tender Stage, land acquired recently	30.09.22
28.	Beas	Pathankot	Pathankot	KothiPandita	PWSSB	2	Tender Stage	31.12.22
29.	Beas	Pathankot	Pathankot	Adarash Nagar	PWSSB	1.2	Tender Stage	31.12.22
30.	Beas	Hoshiarpur	Hariana	Hariana	PWSSB	2	Tender Stage	31.12.21
31.	Beas	Gurdaspur	Sujanpur	Sujanpur	PWSSB	5.5	DPR Stage	30.06.22
32.	Beas	Hoshiarpur	Talwara	Talwara	PWSSB	4	DPR Stage	31.12.22
33.	Beas	Kapurthala	Kapurthala	Rawal & Colonies	PWSSB	3	Tender Stage	30.06.22
34.	Beas			FP,Goindwal Sahib	PSIEC	2	Tender Stage	30.09.21
35.	Ghaggar	Sangrur	Cheema	Cheema	PWSSB	2	Tender Stage	30.06.22

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
36.	Ghaggar	Patiala	Bhadson	Bhadson	PWSSB	3	DPR Stage	31.03.22
37.	Ghaggar	Fatehgarh Sahib	Amloh	Amloh	PWSSB	3	Tender Stage	30.06.22
38.	Ghaggar	Mohali	Dera Bassi	Mirpur, Derabassi	PWSSB	2	Tender Stage	30.04.22
39.	Ghaggar	Mohali	Dera Bassi	Issapur, Derabassi	PWSSB	2	Tender Stage	30.04.22
40.	Ghaggar	Mohali	Lalru	Dappar , Lalru	PWSSB	1	Tender Stage	30.04.22
41.	Ghaggar	Mohali	Lalru	Lalru Mandi	PWSSB	1.5	DPR Stage	31.12.23
42.	Ghaggar	Mohali	Lalru	Lalru	PWSSB	0.15	Tender Stage	31.12.21
43.	Ghaggar	Patiala	Sanour	Sanour	PWSSB	4	DPR Stage	30.09.22
44.	Ghaggar	Patiala	Ghanaur	Ghanaur	PWSSB	2	Tender Stage	30.06.22
45.	Ghaggar	Mohali	Lalru	Gholumajra (Lalru)	PWSSB	0.3	Tender Stage	31.12.21
46.	Ghaggar	Mohali	Lalru	Chaundheri & Samalheri , (Lalru)	PWSSB	0.3	Tender Stage	31.12.21
47.	Ghaggar	Mohali	Zirakpur	Zirakpur	PWSSB	17	Tender Stage	30.09.22
48.	Ghaggar	Mohali	Banur	Banur (Fauji Colony)	PWSSB	0.15	Tender Stage	30.09.22
49.	Ghaggar			Patiala	MES	6	Tender Stage	31.10.21
Non-River Towns								
50.	Non-River	Amritsar	Ajnala	Ajnala	PWSSB	4.00	Tender Stage	31.03.22
51.	Non-River	Amritsar	Jandiala Guru	Jandiala Guru	PWSSB	5.00	Tender Stage	31.12.23
52.	Non-River	Amritsar	Majitha	Majitha	PWSSB	2.00	DPR Stage (Land issue)	31.12.23
53.	Non-River	Amritsar	Raja Sansi	Raja Sansi	PWSSB	2.00	Sewerage system does not exist. DPR stage	30.09.22

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
54.	Non-River	Amritsar	Ramdass	Ramdass	PWSSB	1.50	Sewerage system does not exist. DPR stage	30.09.22
55.	Non-River	Amritsar	Rayya	Rayya	PWSSB	3.50	DPR Stage (Land issue)	31.12.23
56.	Non-River	Barnala	Bhadaur	Bhadaur	PWSSB	3.00	Tender Stage	30.09.22
57.	Non-River	Barnala	Dhanaula	Dhanaula	PWSSB	3.00	DPR Stage	30.09.22
58.	Non-River	Barnala	Handiaya	Handiaya	PWSSB	2.00	Tender Stage	30.09.22
59.	Non-River	Bathinda	Mehraj	Mehraj	PWSSB	3.00	Tender Stage	30.09.22
60.	Non-River	Bathinda	Rama Mandi	Rama Mandi	PWSSB	3.00	DPR stage	31.12.23
61.	Non-River	Bathinda	Ballian Wali	Ballain Wali	DWSS	1.00	DPR stage	31.12.23
62.	Non-River	Bathinda	Chauke	Chauke	DWSS	1.50	DPR stage	31.12.23
63.	Non-River	Bathinda	Kotshamir	Kotshair	DWSS	1.50	DPR stage	31.12.23
64.	Non-River	Bathinda	Lehra Mohabat	Lehra Mohabat	DWSS	1.50	DPR stage	31.12.23
65.	Non-River	Bathinda	Mandi Kalan	Mandi Kalan	DWSS	1.50	DPR stage	31.12.23
66.	Non-River	Bathinda	Nathana	Nathana	DWSS	1.00	DPR stage	31.12.23
67.	Non-River	Bathinda	Rampura	Rampura	DWSS	1.00	DPR stage	31.12.23
68.	Non-River	Amritsar	Budha Theh	Budha Theh	DWSS	2.80	Tender Stage	31.12.23

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
69.	Non-River	Gurdaspur	Ghuman	Ghuman	DWSS	1.25	Sewerage system does not exist. DPR stage	31.03.21
70.	Non-River	Fatehgarh Sahib	Khamano	Khamano	PWSSB	2.00	Tender Stage	30.09.22
71.	Non-River	Gurdaspur	Dhariwal	Dhariwal	PWSSB	3.00	Tender Stage	31.12.23
72.	Non-River	Gurdaspur	Dina Nagar	Dina Nagar	PWSSB	5.00	DPR Stage (Land issue)	31.12.23
73.	Non-River	Gurdaspur	Fatehgarh Churrian	Fatehgarh Churrian	PWSSB	3.50	DPR Stage (Land issue)	30.09.22
74.	Non-River	Gurdaspur	Gurdaspur	Gurdaspur	PWSSB	20.00	Tender Stage	31.12.23
75.	Non-River	Gurdaspur	Quadian	Quadian	PWSSB	4.00	Tender received & under process.	31.12.23
76.	Non-River	Hoshiarpur	Gardhiwala	Gardhiwala	PWSSB	1.00	Tender Stage	30.09.22
77.	Non-River	Jalandhar	Adampur	Adampur	PWSSB	3.00	Sewerage system does not exist. DPR stage	31.12.23
78.	Non-River	Jalandhar	Alawalpur	Alawalpur	PWSSB	1.00	Sewerage system does not exist. DPR stage	31.12.23
79.	Non-River	Jalandhar	Bhogpur	Bhogpur	PWSSB	2.50	Sewerage system does not exist. DNIT stage	30.09.22
80.	Non-River	Jalandhar	Goraya	Goraya	PWSSB	4.00	DPR Stage	31.12.23
81.	Non-River	Jalandhar	Lohian	Lohian	PWSSB	2.00	Sewerage system does not exist. DPR stage	30.09.22

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
82.	Non-River	Jalandhar	Mahitpur	Mahitpur	PWSSB	3.00	Sewerage system does not exist. DPR stage	30.09.22
83.	Non-River	Jalandhar	Bilga	Bilga	PWSSB	2.00	Sewerage system does not exist. DPR stage	30.09.22
84.	Non-River	Kapurthala	Nadala	Nadala	PWSSB	1.00	Tender Stage	30.09.22
85.	Non-River	Ludhiana	Samrala	Samrala	PWSSB	3.00	Sewerage system does not exist. DPR stage	30.09.22
86.	Non-River	Mansa	Joga	Joga	PWSSB	0.50	Sewerage system does not exist. DPR stage	30.09.23
87.	Non-River	Moga	Badhni Kalan	Badhni Kalan	PWSSB	2.00	Sewerage system does not exist. DPR stage	30.09.22
88.	Non-River	Moga	Fatehgarh Panjtaur	Fatehgarh Panjtaur	PWSSB	1.00	Sewerage system does not exist. DPR stage	30.09.22
89.	Non-River	Moga	Kot Ise Khan	Kot Ise Khan	PWSSB	3.00	Sewerage system does not exist. DPR stage	30.09.22
90.	Non-River	Patiala	Ghagga	Ghagga	PWSSB	2.00	Sewerage system does not exist. DPR stage	30.09.22
91.	Non-River	Ropar	Narot Jaimal Singh	Narot Jaimal Singh	PWSSB	3.00	Sewerage system does not exist. tender stage	30.09.22
92.	Non-River	Sangrur	Amargarh	Amargarh	PWSSB	1.00	Tender Stage	30.09.22

Sr. No.	River	District	ULB	Location	Department	Cap. (MLD)	Status of Project (DPR Stage/Under Tendering/ Work to be Awarded)	Likely Date of Completion
93.	Non-River	Sangrur	Dirba	Dirba	PWSSB	3.00	land issue. Sewerage system do not exist. DPR stage	30.09.22
94.	Non-River	SAS Nagar	Nayan Gaon	Nayan Gaon	PWSSB	8.00	Sewerage system does not exist.DPR stage	31.12.23
95.	Non-River	Tarn Taran	Bhikhiwind	Bhikhiwind	PWSSB	2.00	Land is being identified	30.09.22
96.	Non-River	Tarn Taran	Khem Karan	Khem Karan	PWSSB	2.00	Tender Stage	31.12.23

ANNEXURE IV

Status of Compliance and Operation of CETPs

Sr. No	Town	Name of CETP	No. of Industries	Industrial Discharge	Cap. (MLD)	Status
1.	Ludhiana	M/s. J.B.R Tech. Focal Point, Ldh.	1716	0.45	0.5	Compliant
2.	Jalandhar	Leather Complex, Jalandhar	61	3.5	5	Leather complex closed as per directions of Hon'ble Punjab & Haryana High Court
3.	Jalandhar	Leather Association Phillaur	19	0.008	0.035	Compliant
4.	Ludhiana	CETP of 15 MLD for Bahadurke Road, Ludhiana	13	10	15	Non-Compliant
5.	Ludhiana	40 MLD CETP for Dyeing Cluster of Focal Point, Ludhiana	-	-	40	Under Construction (83% work completed)
6.	Ludhiana	50 MLD CETP for the Dyeing Cluster of Tajpur Road and Rahon Road, Ludhiana	-	-	50	Under Construction (72% work completed)
7.	Jalandhar	0.15 MLD CETP at Focal Point, Jalandhar	-	-	0.15	Under Construction (Work stopped due to Orders of Hon`ble High Court in CWP No. 1483 of 2020)

ANNEXURE V

Status of ULB wise Management of Solid Waste

Sr. No.	Name of ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities								
				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
1	Abohar	50	39	42	132	Mar-21	2	1	Mar-21	-	1	Mar-22
2	Adampur	5	4	24	1	Mar-21	1	NA	NA	-	1	Mar-22
3	Ahmedgarh	8	5	18	20	Mar-21	2	NA	NA	-	1	Mar-22
4	Ajnala	5	3	32	NA	NA	0	1	Mar-21	-	1	Mar-22
5	Alawalpur	2	1	12	NA	NA	0	1	Mar-21	-	1	Mar-22
6	Amargarh	2	2	21	NA	NA	1	NA	NA	-	1	Mar-22
7	Amloh	4	3	22	NA	Mar-21	1	NA	NA	-	1	Mar-22
8	Amritsar	681	539	67	8	Mar-21	4	1	Mar-21	-	1	Mar-22
9	Anandpur Sahib	4	3	25	NA	NA	1	NA	NA	-	1	Mar-22
10	Arniwala	2	1	9	2	Mar-21	1	NA	NA	-	1	Mar-22
11	Badhni Kalan	2	2	12	NA	NA	1	NA	NA	-	1	Mar-22
12	Baghapurana	6	5	16	14	Mar-21	0	1	Mar-21	-	1	Mar-22
13	Balachaur	5	4	30	NA	NA	0	1	Mar-21	-	1	Mar-22
14	Ballianwali	2	2	12	NA	NA	1	NA	NA	-	1	Mar-22
15	Banga	5	4	50	NA	NA	1	NA	NA	-	1	Mar-22
16	Banur	5	3	20	3	Mar-21	1	NA	NA	-	1	Mar-22
17	Bareta	4	3	26	NA	NA	1	NA	NA	-	1	Mar-22
18	Bariwala	2	2	13	NA	NA	1	NA	NA	-	1	Mar-22

Sr. No.	Name of ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities								
				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
19	Barnala	37	26	116	24	NA	1	1	NA	-	1	Mar-22
20	Bassi Pathana	5	3	31	NA	NA	1	NA	NA	-	1	Mar-22
21	Batala	50	23	95	95	Mar-21	1	6	Mar-21	-	1	Mar-22
22	Bathinda	118	100	1	NA	NA	1	NA	NA	-	1	Mar-22
23	Begowal	2	2	14	NA	NA	1	NA	NA	-	1	Mar-22
24	Bhadaur	5	3	25	NA	Mar-21	0	1	NA	-	1	Mar-22
25	Bhadson	2	2	29	NA	NA	2	NA	NA	-	1	Mar-22
26	Bhagta Bhai	4	3	24	NA	NA	1	NA	NA	-	1	Mar-22
27	Bhai Roopa	4	3	13	5	Mar-21	1	NA	NA	-	1	Mar-22
28	Bhawanigarh	6	5	27	NA	NA	1	NA	NA	-	1	Mar-22
29	Bhikhi	4	3	27	NA	NA	1	1	Mar-21	-	1	Mar-22
30	Bhikhi Wind	5	4	31	NA	NA	0	1	NA	-	1	Mar-22
31	Bhogpur	4	3	29	NA	NA	1	NA	NA	-	1	Mar-22
32	Bhucho Mandi	4	3	23	NA	NA	1	NA	NA	-	1	Mar-22
33	Bhulath	3	2	15	3	Mar-21	1	NA	NA	-	1	Mar-22
34	Bilga	2	2	16	NA	NA	1	NA	NA	-	1	Mar-22
35	Boha	3	2	6	9	Mar-21	1	1	Mar-21	-	1	Mar-22
36	Budhlada	6	5	30	1	Mar-21	1	NA	NA	-	1	Mar-22

Sr. No.	Name of ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities								
				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
37	Chamkaur Sahib	3	2	23	NA	NA	1	NA	NA	Under Constrcution	1	Dec-19
38	Chauke	3	2	8	3	NA	1	NA	NA	-	1	Mar-22
39	Cheema	2	1	12	2	NA	1	NA	NA	-	1	Mar-22
40	Dasuya	6	3	18	12	Mar-21	0	1	NA	-	1	Mar-22
41	Dera Baba Nanak	2	2	33	NA	NA	1	NA	NA	-	1	Mar-22
42	DeraBassi	6	5	91	NA	NA	3	NA	NA	-	1	Mar-22
43	Dhanaula	5	4	35	NA	NA	1	NA	NA	-	1	Mar-22
44	Dharamkot	5	4	29	NA	NA	1	NA	NA	-	1	Mar-22
45	Dhariwal	4	3	21	NA	Mar-21	0	1	Mar-21	-	1	Mar-22
46	Dhilwan	2	1	16	NA	NA	0	1	NA	-	1	Mar-22
47	Dhuri	16	11	33	33	Mar-21	1	NA	NA	-	1	Mar-22
48	Dina Nagar	6	5	43	NA	NA	1	NA	NA	-	1	Mar-22
49	Dirba	4	3	26	NA	NA	1	NA	NA	-	1	Mar-22
50	Doraha	6	5	39	NA	NA	1	NA	NA	-	1	Mar-22
51	Faridkot	28	20	142	NA	Mar-21	1	NA	NA	-	1	Mar-22
	Fatehgarh Panjtoor	1	1	13	NA	NA	1	NA	NA	-	1	Mar-22
52	Fatehgarh Churian	3	2	69	NA	NA	1	1	Mar-21	-	1	Mar-22
54	Fazilka	22	16	50	42	Mar-21	4	NA	NA	-	1	Mar-22
55	Ferozepur	37	11	80	52	NA	2	NA	NA	-	1	Mar-22

Sr. No.	Name of ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities								
				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
56	Garhdiwala	2	2	12	NA	NA	1	NA	NA	-	1	Mar-22
57	Garhshankar	4	3	24	NA	NA	1	NA	NA	-	1	Mar-22
58	Ghagga	3	3	15	NA	NA	1	NA	NA	-	1	Mar-22
59	Ghanaur	2	2	12	NA	NA	1	NA	NA	-	1	Mar-22
60	Gidderbaha	13	11	38	16	Mar-21	2	NA	NA	-	1	Mar-22
	Goniana	4	3	27	NA	NA	1	NA	NA	-	1	Mar-22
	Goraya	4	3	24	NA	NA	1	NA	NA	-	1	Mar-22
64	Gurdaspur	23	11	70	24	Mar-21	2	2	Mar-21	-	1	Mar-22
65	Guru Harsahai	4	3	24	NA	NA	0	1	NA	-	1	Mar-22
66	Handiaya	3	2	22	NA	NA	1	NA	NA	-	1	Mar-22
67	Hariana	2	1	11	NA	Mar-21	0	1	NA	-	1	Mar-22
68	Hoshiarpur	54	42	28	174	Mar-21	1	1	NA	-	1	Mar-22
69	Jagraon	19	16	78	NA	Mar-21	3	2	Mar-21	-	1	Mar-22
70	Jaitu	9	7	24	21	Mar-21	1	NA	NA	-	1	Mar-22
71	Jalalabad	10	7	35	12	Mar-21	1	1	Mar-21	-	1	Mar-22
72	Jalandhar	510	288	524	113	Mar-21	9	3	Mar-21	-	1	Mar-22
73	Jandiala Guru	7	4	34	1	Mar-21	1	NA	NA	-	1	Mar-22
74	Joga	3	3	14	NA	NA	1	NA	NA	-	1	Mar-22
75	Kapurthala	35	22	66	53	Mar-21	0	1	Mar-21	-	1	Mar-22
76	Kartarpur	6	4	9	22	Mar-21	1	NA	NA	-	1	Mar-22
77	Khamano	3	2	26	NA	NA	1	NA	NA	-	1	Mar-22
78	Khanauri	3	2	18	NA	NA	1	NA	NA	-	1	Mar-22

Sr. No.	Name of ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities								
				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
79	Khanna	43	31	102	52	Mar-21	0	1	NA	-	1	Mar-22
80	Kharar	22	15	66	23	Mar-21	5	3	Mar-21	-	1	Mar-22
81	Khemkaran	3	2	20	NA	NA	0	1	NA	-	1	Mar-22
82	Kiratpur	1	1	13	NA	NA	1	NA	NA	-	1	Mar-22
	Kot isse Khan	3	2	19	NA	NA	1	NA	NA	-	1	Mar-22
	Kotfatta	2	2	11	4	NA	1	NA	NA	-	1	Mar-22
	Kotha Guru	2	2	15	NA	NA	1	NA	NA	-	1	Mar-22
85	Kotkapura	29	21	80	30	Mar-21	1	NA	NA	-	1	Mar-22
86	KotShamir	3	3	17	NA	NA	1	NA	NA	-	1	Mar-22
88	Kurali	8	7	47	NA	Mar-21	1	1	NA	-	1	Mar-22
89	Lalru	5	4	60	NA	NA	2	5	Mar-21	-	1	Mar-22
90	Lehra Mohabbat	2	2	15	NA	NA	1	NA	NA	-	1	Mar-22
91	Lehragaga	6	5	36	NA	NA	1	NA	NA	-	1	Mar-22
92	LohianKhas	3	2	5	7	Mar-21	0	1	NA	-	1	Mar-22
93	Longowal	6	6	25	4	NA	1	NA	NA	-	1	Mar-22
94	Ludhiana	951	776	1	NA	NA	6	12	Mar-21	1	NA	NA
95	Machiwara	6	5	38	NA	Mar-21	1	NA	NA	-	1	Mar-22
96	Mahilpur	3	2	20	NA	Mar-21	1	NA	NA	-	1	Mar-22
97	Majitha	4	1	18	NA	Mar-21	0	1	Mar-21	-	1	Mar-22
98	Makhu	4	3	22	NA	NA	1	NA	NA	-	1	Mar-22

Sr. No.	Name of ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities								
				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
	Malerkotla	46	31	77	86	Mar-21	2	2	Mar-21	-	1	Mar-22
	Mallanwala	4	3	25	NA	NA	1	NA	NA	-	1	Mar-22
99	Maloud	2	2	11	NA	NA	1	NA	NA	-	1	Mar-22
102	Malout	24	18	41	57	Mar-21	1	1	Mar-21	-	1	Mar-22
103	Maluka	2	2	10	NA	NA	1	NA	NA	-	1	Mar-22
104	Mamdot	2	2	13	NA	NA	1	NA	NA	-	1	Mar-22
105	Mandi Gobindgarh	24	18	54	45	Mar-21	2	NA	NA	-	1	Mar-22
106	Mansa	24	20	90	10	Mar-21	4	1	Mar-21	-	1	Mar-22
107	Maur	8	7	16	22	NA	2	NA	NA	-	1	Mar-22
108	Mehatpur	1	0	23	NA	NA	1	NA	NA	-	1	Mar-22
109	Mehraj	4	3	25	NA	NA	1	NA	NA	-	1	Mar-22
110	Moga	52	32	101	95	Mar-21	1	NA	NA	-	1	Mar-22
	Mohali	53	45	200	NA	NA	20	NA	NA	-	1	Mar-22
111	Moonak	4	3	18	4	Mar-21	1	NA	NA	1	NA	NA
112	Morinda	6	5	23	6	Mar-21	2	NA	NA	-	1	Mar-22
113	Mudki	3	2	22	NA	NA	0	1	NA	-	Under construction	Dec-20
114	Mukerian	7	5	45	NA	NA	1	NA	NA	-	1	Mar-22
115	Muktsar	41	31	85	55	Mar-21	3	NA	NA	-	1	Mar-22

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				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
116	MullanpurDakha	4	3	20	NA	NA	1	NA	NA	-	1	Mar-22
117	Mundia Kalan	2	2	8	3	Mar-21	1	NA	NA	-	1	Mar-22
	Nabha	20	16	73	9	Mar-21	0	1	NA	-	1	Mar-22
118	Nadala	2	2	14	NA	NA	1	NA	NA	-	1	Mar-22
119	Nakodar	9	8	44	NA	Mar-21	0	1	Mar-21	-	1	Mar-22
120	Nangal	14	12	103	NA	NA	2	NA	NA	-	1	Mar-22
121	Narot Jaimal Singh	1	1	8	NA	NA	1	NA	NA	-	1	Mar-22
	Nathana	2	1	27	NA	Mar-21	0	1	NA	-	1	Mar-22
122	Nawanshahr	14	9	69	NA	Mar-21	1	NA	NA	-	1	Mar-22
123	NayaGaon	15	12	3	58	Mar-21	0	1	Mar-21	-	1	Mar-22
124	Nihal Singh Wala	2	2	19	NA	NA	1	NA	NA	-	1	Mar-22
126	Nurmahal	4	3	12	5	NA	0	1	Mar-21	-	1	Mar-22
127	Pathankot	31	18	70	118	Mar-21	1	6	Mar-21	-	1	Mar-22
128	Patiala	262	223	403	132	NA	7	NA	NA	-	1	Mar-22
129	Patran	7	6	7	27	Mar-21	1	NA	NA	-	1	Mar-22
130	Patti	10	9	43	6	Mar-21	0	1	Mar-21	-	1	Mar-22
131	Payal	2	1	7	3	Mar-21	1	NA	NA	-	1	Mar-22
132	Phagwara	31	20	4	113	Mar-21	0	1	Mar-21	-	1	Mar-22
133	Phillaur	6	5	37	NA	NA	0	1	Mar-21	-	1	Mar-22

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				Compost pits			MRFs			Sanitary Landfill Sites		
				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
134	Quadian	6	4	28	NA	Mar-21	0	1	Mar-21	-	1	Mar-22
135	Rahon	4	3	30	NA	NA	1	NA	NA	-	1	Mar-22
136	Raikot	7	5	34	NA	NA	1	NA	NA	-	1	Mar-22
137	Raja Sansi	4	3	34	NA	NA	1	NA	NA	-	1	Mar-22
138	Rajpura	29	25	150	NA	NA	6	NA	NA	-	1	Mar-22
139	Raman	6	5	38	NA	NA	1	NA	NA	-	1	Mar-22
140	Ramdass	2	1	13	NA	NA	0	1	NA	-	1	Mar-22
141	Rampura	2	2	14	NA	NA	1	NA	NA	-	1	Mar-22
142	Rampura Phul	15	13	0	61	Mar-21	1	NA	NA	-	1	Mar-22
143	Rayya	4	2	12	5	Mar-21	0	1	Mar-21	-	1	Mar-22
144	Ropar	16	12	110	NA	NA	2	NA	NA	-	1	Mar-22
146	Sahnewal	6	5	34	NA	Mar-21	1	NA	NA	-	1	Mar-22
147	Samana	16	12	65	NA	Mar-21	2	NA	NA	-	1	Mar-22
148	Samrala	5	4	30	NA	NA	1	NA	NA	-	1	Mar-22
149	Sanaur	5	4	21	4	Mar-21	1	NA	NA	-	1	Mar-22
150	Sangat Mandi	1	1	5	NA	NA	1	NA	NA	-	1	Mar-22
151	Sangrur	28	18	51	55	Mar-21	2	2	Mar-21	-	1	Mar-22
152	Sardulgarh	5	4	18	5	Mar-21	0	1	NA	-	1	Mar-22

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				Total no. of existing Compost pits and its utilization	Total no. of proposed Compost pits	Timeline to complete the proposed pits	Total no. of MRFs installed	Total no. of proposed MRFs to be installed	Timeline to complete the proposed MRFs	Total no. of existing SLFs and area in acres	Total no. of proposed SLFs and area in acres	Timeline to develop the proposed SLFs
153	Shahkot	4	2	22	NA	NA	0	1	Mar-21	-	1	Mar-22
154	Shamchurasi	1	1	10	NA	NA	1	NA	NA	-	1	Mar-22
155	Sirhind	17	13	28	42	Mar-21	0	2	Mar-21	-	1	Mar-22
156	Sri Hargobindpur	2	1	12	NA	NA	1	NA	NA	-	1	Mar-22
157	Sujanpur	7	4	43	NA	NA	1	1	Mar-21	-	1	Mar-22
158	Sultanpur Lodhi	4	3	26	NA	NA	0	1	NA	-	1	Mar-22
159	Sunam	20	17	70	13	NA	0	2	Mar-21	-	1	Mar-22
160	TalwandiBhai	4	3	17	4	Mar-21	0	1	Mar-21	-	1	Mar-22
161	Talwandisabo	5	4	34	NA	NA	1	NA	NA	-	1	Mar-22
162	Talwara	5	3	20	3	Mar-21	0	1	NA	-	1	Mar-22
163	Tapa	6	4	20	8	Mar-21	1	NA	NA	-	1	Mar-22
164	Tarntaran	20	12	71	9	Mar-21	1	1	Mar-21	-	1	Mar-22
165	UrmarTanda	6	5	36	NA	NA	3	NA	NA	-	1	Mar-22
166	Zira	9	7	47	NA	Mar-21	1	NA	NA	-	1	Mar-22
167	Zirakpur	30	21	137	NA	Mar-21	3	NA	NA	-	1	Mar-22

ANNEXURE VI

Water Quality of the Polluted River Stretches

Sr. No	River	Polluted Stretch as per NGT	Clasification of stretch as per criteria given by NGT (Priority-I to Priority-V)	Ground Water Quality	Flow in River on date of sampling (cusec)	Water Quality
1	**Sutlej**	**Rupnagar to Harike Bridge**	**Priority-I**	Not monitored along the stretches		
i	Sutlej	Ropar Head-Works	Priority-I		930	C
ii	Sutlej	D/S of Rishab-Paper Mills	Priority-I		920	C
iii	Sutlej	U/S Buddha Nallah	Priority-I		5800	D
iv	Sutlej	100 m D/S Budha Nallah confluence	Priority-I		17,00,000	E
v	Sutlej	Boat Bridge, Dharamkot Nakodar Road	Priority-I		1,40,000	D
vi	Sutlej	D/S East Bein	Priority-I		1,70,000	D
vii	Sutlej	Satluj at Harike before confiuence	Priority-I		4600	C
2	**Beas**	**1km D/S effluent discharge point at Mukerian**	**Priority-V**		490	B
3	**Beas**	**Beas at Harike before confluance of River Sutlej**	**Priority-IV**		330	B

Sr. No	River	Polluted Stretch as per NGT	Clasification of stretch as per criteria given by NGT (Priority-I to Priority-V)	Ground Water Quality	Flow in River on date of sampling (cusec)	Water Quality
4	**Ghaggar**	**Mubarakpur to Sardulgarh**	**Priority-I**			
i	Ghaggar	Mubarikpur Rest house	Priority-I		24000	D
ii	Ghaggar	Bhankarpur Bridge	Priority-I		28000	E
iii	Ghaggar	Chattbir	Priority-I		28000	E
iv	Ghaggar	U/S Jharmal Nadi	Priority-I		28000	E
v	Ghaggar	D/S Jharmal Nadi	Priority-I		35000	E
vi	Ghaggar	U/S Dhakanshu Nallah	Priority-I		24000	E
vii	Ghaggar	D/S Dhakanshu Nallah	Priority-I		35000	E
viii	Ghaggar	Rattanheri	Priority-I		35000	E
ix	Ghaggar	U/S Sagar para Drain	Priority-I		35000	E
x	Ghaggar	D/S Sagar para Drain	Priority-I		35000	E

Sr. No	River	Polluted Stretch as per NGT	Clasification of stretch as per criteria given by NGT (Priority-I to Priority-V)	Ground Water Quality	Flow in River on date of sampling (cusec)	Water Quality
xi	Ghaggar	Khanauri	Priority-I		28000	E
xii	Ghaggar	Moonak	Priority-I		35000	E
xiii	Ghaggar	U/S Sardulgarh	Priority-I		24000	D
xiv	Ghaggar	D/S Sardulgarh	Priority-I		28000	D

*** Very less flow, not measurable**