

**Agenda**  
**for**  
**1<sup>st</sup> meeting of the Expanded Monitoring Committee set up by NGT**  
**under**  
**Chairmanship of Hon'ble Justice Pritam Pal, Former Judge, Punjab & Haryana High Court**  
**to**  
**review progress of Implementation of Action Plans for River Beas and Sutlej**



**Date: 20<sup>th</sup> March 2019**  
**Venue: Committee Room of Punjab State Council for Science and Technology**

**Directorate of Environment and Climate Change**  
**Department of Environment**  
**Government of Punjab**

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**Item No. 1 Leave of Absence**

1. Following members of the Committee and Departments have been invited for the meeting:

Members of the Committee

- (i). Justice Pritam Pal, Chairperson
- (ii). Sh. Subodh Agrawal, member
- (iii). Sh. Babu Ram, member
- (iv). Sant Baba Seechewal, Member
- (v). Sh. A Sudhakar, Member
- (vi). Sh. J Babu, Member

Departments of the State Government

- (i). Administrative Secretary, Department of Local Government
- (ii). Administrative Secretary, Department of Rural Development
- (iii). Administrative Secretary, Department of Water Resources
- (iv). Administrative Secretary, Department of Industries and Commerce
- (v). Administrative Secretary, Department of Housing and Urban Development
- (vi). Administrative Secretary, Department of Soil and Water Conservation
- (vii). Administrative Secretary, Department of Health
- (viii). Administrative Secretary, Department of Public Relations
- (ix). Chairman, Punjab Pollution Control Board

2. Leave of absence may be granted to those, who are unable to attend the meeting.

**Item No. 2 Review of monitoring of Water Quality of River Sutlej & Beas**

1. Punjab Pollution Control Board monitors the quality of Water in river Beas and Sutlej. A copy of the status of quality of water Quality of River Sutlej and Beas for the month of Jan. 2019 is attached at **Annexure-1**. Chief Engineer (Water), Punjab Pollution Control Board to present the status of Water Quality in the rivers.
2. PPCB is in the process of installing continuous monitoring stations for water quality of river Beas and Sutlej. A copy of the same is enclosed as **Annexure-2**. The Status of installation of continuous monitoring systems for water quality in River Sutlej and Beas will be presented by Chief Engineer (Water),

PPCB.

3. PPCB also needs to finalize a sound protocol/ standard operating procedure for taking samples of water quality and explain the quality of water at various locations with reasons.
4. The committee may kindly take note of the Status of the quality of the water.

**Item No. 3    Review of monitoring of functioning of existing STPs in the catchment area**

1. There are 16 and 51 STPs operational in the catchment areas of River Beas and Sutlej. Punjab Pollution Control Board monitors the functioning of STPs in the catchment area of rive Beas and Sutlej. The results for the month of Jan. 2019 are enclosed at **Annexure-3**. Chief Engineer (Water), PPCB will present the status of functioning of the existing STPS.
2. One of the key reasons for non-functioning of STPs has been lack of timely availability of funds for Operation and maintenance of STPs. The status of requirement of funds and funds released so far in respect of various STPs is given in the **Annexure-4**. Administrative Secretary, Department of Local Government will present the status of availability of funds for O&M of STPs.
3. PWSSB monitors the characteristics of sludge in the operational STPs. A copy of the Status is enclosed at **Annexure-5**. PWSSB to present the same in the meeting.
4. The Committee may kindly review the current status.

**Item No. 4    Review of monitoring of functioning of CETPs in the catchment area**

1. Punjab Pollution Control Board monitors the functioning of CETPs in the State. The current status of functioning of existing CETPs in the State for the month of Jan 2019 is given in **Annexure-6**. Chief Engineer (Water), PPCB will present the same.
2. The Committee may kindly review the current status.

**Item No. 5    Review of monitoring of functioning of ETPs installed by industries**

1. Punjab Pollution Control Board monitors the functioning of ETPs installed by Industries by way of regular inspections. The status report in respect of inspections carried out by PPCB, results of the same and action taken by

PPCB are given in **Annexure-7**. Chief Engineer (Water), PPCB will present the current status in the meeting.

2. The Committee may kindly review the current status.

**Item No. 6 Review of progress of Setting up of New / Up-gradation/ Rehabilitation of STPs**

1. There are still many towns in the catchment area of River Beas and Sutlej discharging untreated water in river Sutlej due to lack of STPs in these towns. Some of the STPs require up-gradation and rehabilitation. The current status of setting up of new/ up-gradation/ rehabilitation of STPs is given in **Annexure-8**.
2. Administrative Secretary, Local Government will present the current status.
3. The Committee may kindly review the same.

**Item No. 7 Review of Progress of Setting up of new/ upgrading of CETPs in catchment area**

1. Punjab Pollution Control Board is currently facilitating and coordinating setting up/ upgrading of various CETPs in the State. The current status of setting up of various CETPs is given in **Annexure-9**. Chief Engineer (Water) will present the current status and challenges in setting up of CETPs in the State.
2. Punjab Pollution Control Board is also monitoring the Up-gradation of 14 ETPs by large scale dyeing units to achieve the standards at par with CETPs. The current status will be updated by the Board.
3. The Committee may kindly review the current status.

**Item No. 8 Review of Progress of Setting up of ETPs for dairy and other misc. waste**

2. Municipal Corporations in the State are setting up following ETPs:
  - (i). 2 ETPs of 5 MLD & 10 MLD capacity for dairy effluents by MC, Ludhiana
  - (ii). ETP for waste water of slaughter house by MC, Ludhiana
  - (iii). Biogas plant & Carcass handling plant by MC, Ludhiana
  - (iv). ETP of 5 MLD capacity for dairy effluents by MC, Jalandhar
  - (v). Biogas plant by MC, Jalandhar
3. The current status is given at **Annexure-10**. MC Ludhiana and MC Jalandhar

will present the current status.

4. The Committee may kindly review the current status.

**Item No. 9 Reconciliation of Waste Water & Industrial Effluents for city of Ludhiana**

1. Municipal Corporation, Ludhiana has been raising the issue of quantity of waste water discharged into Budha Nalla being far excess of domestic supply of waste water. PPCB has also made some projections in this regard. However, there is substantial difference between the waste water discharged estimated by MC, Ludhian and PPCB.
2. The matter needs to be discussed.

**Item No. 10 Review of progress of release of Fresh Water in Budha Nallah & Holy Bein**

1. In order to enhance the assimilative capacity of Budha Nallah and Holy Bein, it has been proposed in the action plan to:
  - (i). Release of 200 cusec of water from Sirhind Canal to Budha Nallah
  - (ii). Release of 350 cusec of water from Mukerian Hydel Channel to Bein
2. The Department of Water Resources will submit the current status of progress as per **Annexure-11**.
3. The Committee may kindly review the current Status.

**Item No. 11 Review of Re-use of Treated Waste Water for Irrigation and other purposes**

1. Department of Soil & Water Conservation will present the plan for utilization of treated waste water for irrigation purpose and Department of local government for construction and other urban usage.
2. Department of Water Resources will present the plan for utilization of waste water for irrigation where more than 50 MLD is being treated.
3. Department of Water Resources to submit the progress w.r.t. Action Plan for revival of Lower Budha Nallah to use the treated waste water of Ludhiana city for irrigation.
4. The current status as intimated DSWC is at **Annexure-12**.
5. The Committee may kindly review the current status.

**Item No.12 Review of action taken to prevent dumping of Solid Waste into Budha Nallah**

1. NGT has ordered that suitable measures need to be taken to prevent dumping of solid waste in various water channels including fixing of wire mesh etc.
2. Municipal Corporation, Ludhiana to present the current status.

**Item No.13 Review of Progress for Setting up of Treatment Facilities in Village**

1. There are number of villages in the catchment area of these rivers discharging their waste water directly and indirectly into rivers:
  - (i). 336 villages falling in catchment area of river Sutlej
  - (ii). 75 villages falling in the catchment area of river Beas
2. Department of Finance has allocated budget of Rs.50 Crores to Department of Rural Development and Panchayat(DRDP) for setting up of treatment facilities. Accordingly, the Department has prioritized the villages to covered in Phase 1.
3. The current status of the progress is given in **Annexure-13**. Administrative Secretary, Department of Rural Development and Panchayat will present the current status.
4. The Committee may kindly review the current Status.

**Item No.14 Review of Shifting of Small / Medium scale scattered dyeing units**

1. Department of Industries and Commerce will present the status of action taken on the following:
  - (i). Timeline for shifting of units located in non-designated areas to the designated industrial area for their connection to the up-coming CETPs
  - (ii). Timeline for shifting of units located in designated areas which are not feasible to connect with proposed CETPs to the designated industrial areas having feasibility to connect with up-coming CETPs.
2. The committee may kindly review the current status.

**Item No.15 Review of Progress of installation of OCMS & CCTVs for STPs & Industries**



1. The Action plan has stipulated installation of Online Continuous Monitoring System and CCTVs for STPs. The same are to be installed by PWSSB / MCL/MCJ/DWSS and other agencies responsible for operation and maintenance of these STPs.PPCB is responsible for OCMS and CCTVs for industries.
2. The Current status is given in **Annexure-12** and **Annexure-13** and the same will be presented by Department of Local Government and Punjab Pollution Control Board in the meeting.
3. The Committee may kindly review the current status.

**Item No.16 Review of the progress regarding organization of Health Check-up Camps**

1. The Department of Health & Family Welfare has been tasked with organization of health check up camps in the catchment areas of rivers. The current status of organization of health check-ups is given in **Annexure-14**.
2. The Department will present the status report in the meeting.
3. The Committee may kindly review the current status.

**Item No.17 Review of Public Awareness Programs regarding cleaning of the rivers**

1. There is need to launch a public awareness campaign regarding cleaning of the rivers in the State.
2. Department of Public Relation will updated about the progress in the matter.
3. The Committee may kindly take note of the same.

**Annexure 1**

**Status of Water Quality of River Sutlej (Jan., 2019)**

S.N.	Point of Sample Collection	pH	DO mg/l	BOD mg/l	Cond $\mu$ s/Cm	T.Coli MPN/100ml	B mg/l	Quality of water as per DBU
1	River Sutlej at U/s Nangal	7.1	8.9	<1	220	140	0.08	B
2	River Sutlej at D/s NFL	7.01	8.5	<1	263	210	0.1	B
3	River Sutej at 100m D/s PACL Nangal	7.04	8.2	<1	258	220	0.15	B
4	River Sutlej at D/s Nangal	6.93	8.6	<1	241	150	0.19	B
5	River Sutlej at Kiratpur Sahib	7.33	8.2	<1	271	1100	0.23	C
6	Ropar Head-Works	7.28	8.2	<1	268	1200	0.1	C
7	River Sutlej D/s of Rishab- Paper Mills	7.15	8.1	1.1	448	1400	0.31	C
8	River Sutlej U/s Buddha Nallah	7.25	7.7	1.2	442	3300	0.19	C
9	River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	7.06	2.2	48	935	9,40,000	0.25	E
10	River Sutlej at Boat Bridge, Dharamkot Nakodar Road	6.94	4.4	14	644	1,70,000	0.24	D
11	River Sutlej at D/s East Bein	7.4	1	14	494	35000	0.14	E
12	River Sutlej at Harike	7.6	5.2	2.8	408	11000	0.17	D
13	Harike Lake D/s from canal	7.8	7.8	1.7	226	3500	0.19	C
14	D/s Harike lake	7.9	8	1.6	240	4100	0.12	C
15	U/s Hussainiwala H/W Ferozepur	8.14	8.1	<1	203	2400	0.11	C
16	D/s Hussainiwala H/W Ferozepur	8.16	8.2	<1	205	2100	0.12	C

**Status of Water Quality of River Beas ( Jan., 2019)**

Sr. No.	Point of Sample Collection	pH	DO mg/l	COD mg/l	BOD mg/l	T.Coli MPN/100 ml	F.Coli MPN/100 ml	DBU Classification
1.	Beas at Talwara H/W	7.6	9.2	10	1.0	94	43	B
2.	Beas at Mirthal Bridge Gurdaspur	7.9	9.1	12	1.3	170	110	B
3.	U/S Pathankot	8.0	8.8	12	1.3	280	130	B
4.	D/S Pathankot	8.3	8.6	16	1.7	490	330	B
5.	Beas 1km D/S effluent discharge point at Mukerian	7.9	8.4	18	2.0	920	540	C
6.	Beas Bridge at village BheatePatan Tehsil Batala Distt. Gurdaspur	7.6	8.7	16	1.4	700	490	C
7.	Beas at G.T. Road, under Bridge Near Kapurthala	7.8	9.4	19	1.6	940	630	C
8.	U/s Goindwal	7.9	9.5	14	1.3	580	250	B
9.	D/s Goindwal	8.0	8.6	16	1.6	630	330	C
10.	Beas at Harike	7.7	8.0	14	1.3	490	330	C

## Progress w.r.t Installation of Real Time Water Quality Monitoring Stations in River Sutlej

## Phase-I

Sr No.	Activity	Date of Start	Date of completion	Progress
1	Inviting quotations.	01.06.19	30.06.19	Draft tender document prepared and will be floated after the model code of conduct is over
2	Placement of Work Order	01.07.19	30.09.19	
3	Installation of online continuous monitoring system	01.10.19	31.12.19	
4.	Calibration of online continuous monitoring system	01.01.20	29.02.20	
5.	Connecting the online continuous monitoring system with the Server of CPCB and PPCB	01.03.20	31.03.20	

## Phase-II

Sr No.	Activity	Date of Start	Date of completion	Progress
1	Inviting quotations.	01.04.20	30.04.20	Draft tender document prepared and will be floated after the model code of conduct is over
2	Placement of Work Order	01.05.20	31.07.20	
3	Installation of online continuous monitoring system	01.08.20	31.10.20	
4.	Calibration of online continuous monitoring system	01.11.20	31.12.20	
5.	Connecting the online continuous monitoring system with the Server of CPCB and PPCB	01.01.21	31.01.21	

**Progress w.r.t Installation of Real Time Water Quality Monitoring Stations in River Beas**

<b>Sr No.</b>	<b>Activity</b>	<b>Date of Start</b>	<b>Date of completion</b>	<b>Progress</b>
1	Inviting quotations.	01.02.2019	28.02.2019	Tender document finalized. E-tendering process to be initiated after the model code of conduct is over
2	Placement of Work Order	01.03.2019	31.03.2019	
3	Installation of online continuous monitoring system	01.04.2019	31.08.2019	
4.	Calibration of online continuous monitoring system	01.09.2019	30.09.2019	
5.	Connecting the online continuous monitoring system with the server of the CPCB and PPCB	01.09.2019	30.09.2019	

## Monitoring of Functioning of STPs in the Catchment Area of River Sutlej(Jan2019)

Sr. No.	Name of STP	Month (January , 2019)		Action Taken for Non Compliance
		Whether Complying with norms	Reason for Non Compliance	
	<b>MC, Ludhiana</b>			
1.	Jamalpur (48 MLD)	Not Complying	TSS, BOD & F.Coli	Under process
2.	Bhattian (111 MLD)	Not Complying	BOD, COD & F.Coli	Under process
3.	Bhattian (50 MLD)	Not Complying	COD	Under process
4.	Baloke (152 MLD)	Not Complying	BOD, COD & F.Coli	Under process
5.	Baloke (105 MLD)	Not Complying	COD&F.Coli	Under process
	<b>MC, Jalandhar</b>			
6.	Pholriwal (100 MLD)	Not Complying	COD & F.Coli	Under process
7.	Pholriwal (25 MLD)	Not Complying	F.Coli	Under process
8.	Pholriwal (25 MLD)	Not Complying	F.Coli	Under process
9.	Basti Peer Dad (50 MLD)	Not Complying	COD& F.Coli	Under process
10.	BambianWaliCantt (10 MLD)	Not Complying	COD	Under process
11.	Jaitawali, Hsr. Road (25 MLD)	Complying		
	<b>PWSBB</b>			
12.	Phagwara (20 MLD)	Not Complying	COD & F.Coli	Under process
13.	Phagwara (8 MLD)	Not Complying	BOD, COD & F.Coli	Under process
14.	Phagwara (8 MLD)	Not Complying	COD&F.Coli	Under process
15.	Phillaur (3 MLD)	Complying	COD	
16.	Phillaur (2.6 MLD)	Not Complying	BOD, COD & F.Coli	Under process
17.	Nakodar (6 MLD)	Complying		
18.	Nawanshahar (6MLD)	Complying		
19.	Banga (3 MLD)	Complying		
20.	Hoshiarpur(30 MLD)	Not Complying	COD& F.Coli	Under process
21.	Nangal (8MLD)	Complying		
22.	Bruari Nangal (5 MLD)	Complying		
23.	Machhaiwara (4 MLD)	Not Complying		Under process
24.	Sahnawal (7 MLD)	Not Complying	COD	Under process
25.	Ropar (10 MLD)	Not Complying	COD	Under process
26.	Ropar (2.5 MLD)	Complying		
27.	Ropar (2 MLD)	Complying		
28.	Jagraon (12 MLD)	Not Complying		Under process
29.	Jagraon (16 MLD)	Not Complying	COD& F.Coli	Under process
30.	Goniana (3 MLD)	Not Complying	BOD, COD & F.Coli	Under process
31.	Moga(27 MLD)	Not Complying	BOD & COD	Under process
32.	Abohar (25 MLD)	Complying		
33.	Dharamkot (4 MLD)	Complying		
34.	Makhu (4 MLD)	Complying		
35.	Talwandi Bhai (4MLD)	Complying		
36.	Zira (8MLD)	Not Complying	F.Coli	Under process
37.	Jalalabad (8 MLD)	Not Complying	BOD, COD & F.Coli	Under process
	<b>DWSS</b>			
38.	Sh.Muktsar Sahib (8.7 MLD)	Not Complying	F.Coli	Prosecuted in

				CJM Court
39.	Sh.Muktsar Sahib (5.7 MLD)	Not Complying	COD& F.Coli	Prosecuted in CJM Court
40.	Anandpur sahib (8 MLD)	Not Complying	COD	Under process

Abstract: Out of total capacity of 959.5 MLD of 40 STPs, only 13 STPs having capacity 97.5 MLD (10%) found compliant.

**Monitoring of Functioning of STPs in the Catchment Area of Beas (Jan2019)**

Sr. No	Name of STP	Month (January , 2019)		Action Taken for Non Compliance
		Whether Complying with norms	Reason for Non Compliance	
	<b>Municipal Councils</b>			
1.	Pathankot (27 MLD)	Not Complying	STP not commissioned	Hearing given before Chairman
2.	Shri Hargobindpur (1 MLD)	Not Complying	F. Coli	Hearing given before SEE
3.	Mukerian(5MLD)	Not Complying		Hearing given before Chairman
4.	Dasuya (4 MLD)	Not Complying		Hearing given before SEE
5.	Tanda(4 MLD)	Complying		Hearing given before Chairman
6.	Begowal (2.5 MLD)	Complying		Under Process
7.	Bholath (4 MLD))	Not Complying	F.Coli	Under Process
8.	Kapurthala(25 MLD)	Not Complying	BOD & F.Coli	Hearing given before SEE
9.	SultanpurLodhi (2.6 MLD)	Not Complying	BOD & F.Coli	Hearing given before Chairman
	<b>Other Local Bodies</b>			
10.	Talwara (BBMB) (8 MLD)	Complying		



## Annexure 4

## Status of O&amp;M Funds for STPs falling in Catchment Area of River Sutlej (F.Y 2018-19)

S.No.	Town	Capacity (mld)	Tech.	Annual Requirement of Funds for O&M (Rs. in Lacs) 2018-19	Funds received so far (upto Feb, 2019) during 2018-19 (Rs. in Lacs )	Payment Cleared upto Month/Year	Pending payments (Rs. in Lacs )
	<b>MC, Ludhiana</b>						
1.	Jamalpur	48	UASB	91.94	Funds is given from MC General Funds as per requirement	09/18	38.30
2	Bhattian	111	UASB	176.52		09/18	73.55
3	Bhattian	50	SBR	54.64		09/18	22.76
4	Baloke	152	UASB	216.47		09/18	90.91
5	Baloke	105	SBR	109.28		09/18	53.38
	<b>MC, Jalandhar</b>						
6	Pholriwal	100	UASB				
7	Pholriwal	25	SBR				
8	Pholriwal	25	SBR				
9	Basti Peer Dad	50	SBR				
10	BambianWaliCantt	10	SBR				
11	Jaitawali, Hsr. Road	25	SBR				
	<b>PWSBB</b>						
12	Phagwara	20	UASB				
13	Phagwara	8	MBBR				
14	Phagwara	8	MBBR				
15	Phillaur	3	MBBR				
16	Phillaur	2.6	WSP				
17	Nakodar	6	SBR				
18	Nawanshahar	6	SBR				
19	Banga	3	SBR				
20	Hoshiarpur	30	MBBR			-	
21	Baghapurana	4	SBR				
22	Nangal	8	ASP				
23	Nangal	5	ASP				

24	Machhaiwara	4	SBR				
25	Sahnewal	7	SBR				
26	Ropar	10	SBR				
27	Ropar	2.5	SBR				
28	Ropar	2	SBR				
29	Jagraon	12	SBR				
30	Jagraon	16	SBR				
31	Goniana	3	WSP				
32	Moga	27	SBR				
33	Abohar	25	SBR				
34	Malout	3	WSP				
35	Malout	10	MBBR				
36	Dharamkot	4	SBR				
37	Makhu	4	SBR				
38	Talwandi Bhai	4	SBR				
39	Zira	8	MBBR				
40	Jalalabad	8	MBBR				
	<b>MES</b>						
41	East Jalandhar Cantt.	3	MBBR				
42	East Jalandhar Cantt.	3	MBBR				
43	East Jalandhar Cantt.	0.4	MBBR				
44	West Jalandhar Cantt.	1.5	MBBR				
45	West Jalandhar Cantt.	1.5	MBBR				
	<b>BBMB</b>						
46	Nangal	6.75	-				
	<b>DWSS</b>						
47	Sh.Muktsar Sahib	8.7	MBBR				
48	Sh.Muktsar Sahib	5.7	MBBR				
49	Sh.Muktsar Sahib	3.5	MBBR				
50	Anandpur sahib	8	MBBR				
	<b>GMADA</b>						
51	Kurali	5	SBR				
	<b>Total</b>	<b>1001.1</b>					
		<b>5</b>					

**Status of O&M Funds for STPs falling in Catchment Area of River Beas (F.Y 2018-19)**

Sr. No	Town	Capacity (mld)	Tech.	Annual Requirement of Funds for O&M 2018-19 (Rs. in Lacs)	Funds received so far (upto Feb, 2019) during 2018-19	Payment Cleared upto Month/Year	Pending payment (Rs. in Lacs)
	<b>Municipal Councils</b>						
1.	Pathankot	27.0	SBR				
2.	Shri Hargobindpur	1.0	WSP				
3.	Mukerian	5.0	MBBR				
4.	Dasuya	4.0	WSP				
5.	Tanda	4.0	MBBR				
6.	Begowal	2.5	SBR				
7.	Bholath	4.0	WSP				
8.	Kapurthala	25.0	UASB				
9.	SultanpurLodhi	2.6	WSP				
10.	Sham Chuarasi	1.0	WSP				
	<b>Other Local Bodies</b>						
11.	Talwara (BBMB)	8.0	SBR				
	<b>MES , Pathankot</b>						
12.	GE, Air Force	3.0	WSP				
13.	GE, South	2.0	WSP				
14.	GE, West	2.0	WSP				
15.	GE , Mammon	2.0	WSP				
16.	GE , North	2.0	WSP				
		<b>95.1</b>					

## Characteristics of Sludge of STPs

SrNo	Town	Cap. of STP (mld)	Quantity	Whether quantity commensurate with capacity	Characteristics						Use of Sludge
					pH	BOD	Solid Conc.	SVI	Metals	Moisture	

## Status w.r.t Functioning of CETPs

Sr. No.	Name of CETP / Capacity	Month (January , 2019)		Action Taken for Non Compliance
		Whether Complying with norms	Reason for Non Compliance	
1.	5 MLD CETP at Leather Complex, Jalandhar /	Not Complying		Personal hearing given before Chairman, PPCB on 31.01.19. CETP operated asked to make the necessary improvements to achieve standards.
2.	0.5 MLD CETP at Focal Point, Phase VIII, Ludhiana for electroplating	Complying		
3.	0.035 MLD CETP at Phillour for vegetable tanning units	Complying		
4.	0.2 MLD Re-Processor at Kohara for pickling industries using H <sub>2</sub> SO <sub>4</sub>	Complying		Does not generate any trade effluent. Hence sampling does not required

## Status w.r.t Functioning of ETPs in the Catchment Area of River Sutlej

Sr. No	Total No. of Industries requiring ETP	No. of Units visited during January 19	No. of Units Found Compliant	No. of Units Found Non Compliant	Actions Taken against Non-compliant Units
1	445	44	27	17	Units sealed & electric disconnection- 8 No.  Permanently closed- 1 No.  Show Cause Notice issued- 3 No.  Action Under Process- 5 No.

**Status w.r.t Functioning of ETPs in the Catchment Area of River Beas**

<b>Sr. No</b>	<b>Total No. of Industries requiring ETP</b>	<b>No. of Units visited during December-February, 19</b>	<b>No. of Units Found Compliant</b>	<b>No. of Units Found Non Compliant</b>	<b>Actions Taken against Non-compliant Units</b>
1	21	21	21	Nil	Nil

## Progress w.r.t. Setting up of New/ Up-gradation/ Rehabilitation of STPs - River Sutlej

Sr. No	Town	Capacity (MLD)	Completion Date	Funds reqmt. (in crores)	Status of Funds	Progress
	<b>PWSSB</b>					
1.	Ferozepur	18	31.03.20	10.35	Tied up	Under installation
2.	Guru Har	1	31.03.20	43.07	Tied up	Under installation
3.	Sahai	4				
4.	Jaito	6	30.09.19	36.15	Tied up	Under installation
5.	Kotakpura	8	30.11.19	88.09	Tied up	Under installation
6.		6				
7.	Morinda	5.5	30.06.19	07.71	Tied up	Under installation
8.	Gidderbaha	7	30.09.19	09.58	Tied up	Under installation
9.	Balachaur	4	31.10.20	4.04	Tied up	Tendering Started
10.	Garshankar	3	31.10.20	12.34	Tied up	Tendering Started
11.	Maluka	1	31.10.20	10.00	Tied up	Tendering Started
12.	Rahon	3	31.10.20	9.67	Tied up	Tendering Started
13.	Kiratpur Sahib	2	31.10.20	8.68	Tied up	Tendering Started
14.	Faridkot	14	31.12.20	94.04	Tied up	Land to be acquired
15.	Patti	8	30.06.22	15.68	Tied up	Land to be acquired
16.	Arniwala	2	30.06.22	24.00	Not tied up	Sought from State Govt.
17.	Barriwala	2.5	30.06.22	24.00	Not tied up	Sought from State Govt.
18.	BhagtaBhaike	3	30.06.22	39.00	Not tied up	Sought from State Govt.
19.	Bhai Roopa	3	30.06.22	22.00	Not tied up	Sought from State Govt.
20.	Kotha Guru	2	30.06.22	24.00	Not tied up	Sought from State Govt.
21.	Mahilpur	3	30.06.22	20.00	Not tied up	Sought from State Govt.
22.	Mallanwala	3	30.06.22	37.00	Not tied up	Sought from State Govt.
23.	Mamdot	2	30.06.22	37.00	Not tied up	Sought from State Govt.
24.	Mudki	2	30.06.22	48.00	Not tied up	Sought from State Govt.
25.	Nihal Singh Wala	2	30.06.22	27.00	Not tied up	Sought from State Govt.
26.	Raikot	5	30.06.22	27.00	Not tied up	Sought from State Govt.



Sr. No	Town	Capacity (MLD)	Completion Date	Funds reqmt. (in crores)	Status of Funds	Progress
					up	Govt.
27.	Phillaur	2.6	31.12.21	4.00	Not tied up	Technology Up-gradation / Sought from State Govt.
28.	Goniana	3	21.12.21	5.00	Not tied up	Technology Up-gradation/ Sought from State Govt.
29.	Malout	10	31.12.21	5.00	Not tied up	Capacity Enhancement & Technology Up-gradation/ Sought from State Govt.
30.	Moga	23	31.12.21	25.00	Not tied up	Capacity Enhancement/Sought from State Govt.
	<b>MC, Ludhiana</b>					
31.	Jamalpur	50	31.12.20	61.71	Tied up	DNIT under preparation
32.	Baloke	50	31.12.20	-	Tied up	DPR under preparation
33.	Jamalpur	45	31.12.20	18.91	Tied up	DPR under preparation
34.	Baloke	152				
35.	Bhattian	111				
	<b>MC, Jalandhar</b>					
36.	Pholriwal	100	31.12.21	85.00	Not tied up	Technology up-gradation
37.	Basti Peer	25	31.12.21	22.00	Not tied up	DPR by 28.04.19
38.	Pholoriwal	50	31.12.21	45.00	Tied up	DPR by 28.04.19
	<b>DWSS</b>					
39.	Anandpur Sahib	8	31.12.21	8.28	Not tied up	
40.	Muktsar Sahib	8.7	31.12.19	16.64	Not tied up	Up-gradation of existing STPs
41.		5.7				
42.		3.5				
	<b>PSIEC</b>					
43.	FP, Jalandhar	1	30.06.22		Not tied up	

**Progress w.r.t. Setting up of New/ Up-gradation/ Rehabilitation of STPs – River Beas**

<b>Sr No</b>	<b>Town</b>	<b>Cap. (MLD)</b>	<b>Completion Date</b>	<b>Funds reqmt. (in crores)</b>	<b>Status of Funds</b>	<b>Progress</b>
	<b>PWSSB</b>					
1.	SultanpurLodhi	1	31.10.20	9.22	Tied up	Tendering Started
2.	Kartarpur	4	31.10.20	8.53	Tied up	Tendering Started
3.	KothiPandita	2	31.10.20	3.00	Tied up	DPR prepared
4.	Adarash Nagar	1.2	31.10.20	2.00	Tied up	DPR prepared
5.	Haryana	2	31.10.20	14.86	Tied up	Tendering Started
6.	Goindwal Sahib	1.3	30.06.19	4.63	Tied up	Near completion
7.	Dhilwan	2.5	30.06.21	5.99	Tied up	Land to be acquired
8.	SultanpurLodhi	4	31.12.21	8.00	Not tied up	Land not acquired. Sought from State Govt.
9.	Sujanpur	5.5	30.06.22	39.00	Not tied up	Land not acquired. Sought from State Govt.
10.	Talwara	4	30.06.22	34.00	Not tied up	Land not acquired. Sought from State Govt.
	<b>JDA</b>					
11.	Rawal& Colonies	1	30.06.22			
	<b>MES</b>					
12.	Kapurthala	1	31.03.20		Tied up	
	<b>PSIEC</b>					
13.	FP, Pathankot	2	31.12.20			
14.	FP, Goindwal Sahib	2	31.12.20			
	<b>MCK</b>					
15.	Kapurthala	25	31.03.20			Technology Up-gradation

## Progress w.r.t. Setting up of New/ Up-gradation of CETPs - River Sutlej

Sr. No	Name of Project	Capacity (MLD)	Timelines as per Action Plan						Current Progress
			Preparation of DPR	Financial Closure	Tendering including allotment	Commencement of Work	Quarterly Milestones during construction	Completion and Commissioning	
1.	CETP at Bahadur Ke Road, Ludhiana	15	Approved	Done	Completed	Started		31.03.20	90% Completed as on 28.02.19
2	CETP at Focal Point, Ludhiana	40	Approved	Done	Completed	Started		31.03.20	70% Completed
3	CETP at Tajpur Road, Ludhiana	50	Approved	Done	Completed	Started		31.12.20	30% Completed as on 28.02.19
4	CETP for electroplating industries at Jalandhar	0.15	Approved					31.12.20	
5	Up-gradation of existing CETP at Leather Complex, Jalandhar	5	31.03.19		30.06.19	01.07.19		31.12.20	

## Progress w.r.t. Setting up of ETPs for Dairy and Other Misc. Waste

Sr. No	Name of Project	Capacity (MLD)	Timelines as per Action Plan						Current Progress
			Preparation of DPR	Financial Closure (crores)	Tendering including allotment	Commencement of Work	Quarterly Milestones during construction	Completion and Commissioning	
1.	ETP for Dairy complex located at Tajpur and Haibowal, Ludhiana	5 & 10	Approved	43.30 approved by SLTC	DNIT under preparation			30.06.21	
2	ETP for Jamsher Dairy Complex, Jalandhar	5	28.04.19	30.11.19	30.06.20	01.07.20		31.03.22	
3	Up-gradation of ETP for Slaughter house located at Ludhiana	-	Approved	19.50	Completed	08.09.18	100% Civil work completed by 30.06.19	30.09.19	50% work completed as on 15.03.19
4	Setting up of Carcass Handling Plant by MC, Ludhiana		Approved	8.0	Floated			30.06.20	
5	Setting up of Biogas plant by MC, Ludhiana		Prepared						To be setup by PEDDA
6.	Installation of Bio-gas power plant, Jamsher Dairy Complex, Jalandhar	1 MW	Approved		Completed			31.12.19	

## Release of Fresh Water into Budha Nallah and Holy Bein

Sr. No	Name of Project	Timelines as per Action Plan						Current Progress
		Preparation of DPR	Financial Closure (in crores)	Tendering including allotment	Commencement of Work	Quarterly Milestones during construction	Completion and Commissioning	
	<b>River Sutlej</b>							
1.	Release 200 cusec water from Sirhind canal to Budha Nallah	T+ 4.5 Months	16.00	T + 6 M	T+ 6 M		T+22 M	
	<b>River Beas</b>							
1.	Release of 350 cusec water from Mukerian Hydrel Channel to Holy Bein	Submitted to GoP	6.04	T+ 1.5 M	T+ 1.5 M		T+ 11.5 M	

## Reuse of Treated Waste Water for Irrigation-Sutlej

## Details of Irrigation Schemes where STPs have been installed

S.No	Town	Capacity (mld)	Tech.	Irrigation Scheme Details		
				Time	Funds (Lakhs)	Remarks
	<b>MC, Ludhiana</b>					
1.	Jamalpur	48	UASB	-	-	The STP is based on old tech, farmer not willing to use water.
2	Bhattian	111	UASB	-	-	
3	Bhattian	105	SBR	-	-	Relates to Water Resources
4	Balloke	152	UASB	-	-	The STP is based on old tech, farmer not willing to use water
5	Balloke	50	SBR	-	-	Farmer not willing to use water.
	<b>MC, Jalandhar</b>					
6	Pholriwal	100	UASB	-	-	Relates to Water Resources
7	Pholriwal	25	SBR	T+20	910.00	Funds to be tied up
8	Pholriwal	25	SBR	T+20	875.00	Funds to be tied up
9	Basti Peer Dad	50	SBR	T+ 36	3200.00	Feasibility Study of Irrigation Project underway
10	Bambian Wali Cantt	10	SBR	T+20	425.00	Funds to be tied up
11	Jaitawali, Hsr. Road	25	SBR	T+20	890.00	Funds to be tied up
	<b>PWSBB</b>					
12	Phagwara	20	UASB	Commissioned		
13	Phagwara	8	MBBR	Commissioned		
14	Phagwara	8	MBBR	Farmers not willing		Farmers not willing to use treated water
15	Phillaur	3	MBBR	T+20	83.00	Funds to be tied up
16	Phillaur	2.6	WSP	Commissioned		
17	Nakodar	6	SBR	Commissioned		
18	Nawanshahar	6	SBR	T+20	204.00	Funds to be tied up
19	Banga	3	SBR	-	-	Farmers not willing to use treated water
20	Hoshiarpur	30	MBBR	T+20	925.00	Funds to be tied up
21	Baghapurana	4	SBR	T+20	145.00	Funds to be tied up
22	Nangal	8	ASP	Commissioned		
23	Nangal	5	ASP	T+20	225.00	Funds to be tied up

24	Machhaiwara	4	SBR	Commissioned		
25	Sahnewal	7	SBR	T+20	227.00	Funds to be tied up
26	Ropar	10	SBR	Commissioned		
27	Ropar	2.5	SBR	Commissioned		
28	Ropar	2	SBR	Commissioned		
29	Jagraon	12	SBR	T+20	470.00	Funds to be tied up
30	Jagraon	16	SBR	T+20	625.00	Funds to be tied up
31	Goniana	3	WSP	Commissioned		
32	Moga	27	SBR	T+20	1293.00	Funds to be tied up
33	Abohar	25	SBR	T+20	685.00	Funds to be tied up
34	Malout	3	WSP	T+20	105.00	Funds to be tied up
35	Malout	10	MBBR	Commissioned		
36	Dharamkot	4	SBR	Commissioned		
37	Makhu	4	SBR	T+20	135.00	Funds to be tied up
38	Talwandi Bhai	4	SBR	T+20	165.00	Funds to be tied up
39	Zira	8	MBBR	T+20	306.00	Funds to be tied up
40	Jalalabad	8	MBBR	Under progress		
	<b>MES</b>					
41	East Jalandhar Cantt.	3	MBBR	T+20	90.00	Funds to be tied up
42	East Jalandhar Cantt.	3	MBBR	T+20	85.00	Funds to be tied up
43	East Jalandhar Cantt.	0.4	MBBR	T+20	15.00	Funds to be tied up
44	West Jalandhar Cantt.	1.5	MBBR	T+20	60.00	Funds to be tied up
45	West Jalandhar Cantt.	1.5	MBBR	T+20	45.00	Funds to be tied up
	<b>BBMB</b>					
46	Nangal	6.75	-	T+20	135.00	Funds to be tied up
	<b>DWSS</b>					
47	Sh.Muktsar Sahib	8.7	MBBR	Commissioned		
48	Sh.Muktsar Sahib	5.7	MBBR	Commissioned		
49	Sh.Muktsar Sahib	3.5	MBBR	T+20	125.00	Funds to be tied up
50	Anandpur sahib	8	MBBR	Commissioned		
	<b>GMADA</b>					
51	Kurali	5	SBR	Commissioned		
<b>Total</b>		<b>1001.15</b>			<b>12448.00</b>	

Note: Department of Water Resources shall prepare the Irrigation Schemes for STPs having capacity 50 MLD & above.

**Details of Irrigation Schemes where STPs are proposed to be installed – Sutlej**

S.No	Town	Capacity (MLD)	Irrigation Scheme Details		
			Time	Funds (Lakhs)	Remarks
	<b>PWSSB</b>				
1.	Ferozepur	18	T+20	825.00	Funds to be tied up
2.	Guru Har Sahai	1	T+20	38.00	Funds to be tied up
3.	Guru Har Sahai	4	T+20	106.00	Funds to be tied up
4.	Jaito	6	T+20	196.00	Funds to be tied up
5.	Kotakpura	8	T+20	304.00	Funds to be tied up
6.	Kotakpura	6	T+20	265.00	Funds to be tied up
7.	Morinda	5.5	T+20	185.00	Funds to be tied up
8.	Gidderbaha	7	T+20	225.00	Funds to be tied up
9.	Balachaur	4	T+20	113.00	Funds to be tied up
10.	Garshankar	3	T+20	94.00	Funds to be tied up
11.	Maluka	1	T+20	32.00	Funds to be tied up
12.	Rahon	3	T+20	95.00	Funds to be tied up
13.	Kiratpur Sahib	2	T+20	65.00	Funds to be tied up
14.	Faridkot	14	T+20	410.00	Funds to be tied up
15.	Patti	8	T+20	200.00	Funds to be tied up
16.	Arniwala	2	T+20	56.00	Funds to be tied up
17.	Barriwala	2.5	T+20	74.00	Funds to be tied up
18.	Bhagta Bhaike	3	T+20	104.00	Funds to be tied up
19.	Bhai Roopa	3	T+20	105.00	Funds to be tied up
20.	Kotha Guru	2	T+20	67.00	Funds to be tied up
21.	Mahilpur	3	T+20	97.00	Funds to be tied up
22.	Mallanwala	3	T+20	110.00	Funds to be tied up
23.	Mamdot	2	T+20	60.00	Funds to be tied up
24.	Mudki	2	T+20	68.00	Funds to be tied up
25.	Nihal Singh Wala	2	T+20	66.00	Funds to be tied up
26.	Raikot	5	T+20	225.00	Funds to be tied up
27.	Moga	23	T+20	795.00	Funds to be tied up
	<b>PSIEC</b>				
28.	FP, Jalandhar	1	T+20	40.00	Funds to be tied up
	<b>Total</b>	<b>144</b>		<b>5020.00</b>	



## Re-use of Treated Waste Water for Irrigation- Beas

### Towns where STPs have been installed

S.No	Name of Town	Capacity (MLD)	Irrigation Scheme Details		
			Timeline	Funds (Lakhs)	Remarks
<b>A</b>	<b>Local Bodies</b>				
1.	Bhulath	4	Commissioned		
2.	Dasuya	4	Commissioned		
3.	Begowal	2.5	Commissioned		Irrigation Project Commissioned, Extension of project underway, Funds available with Deptt
4.	Kapurthala	25	Commissioned		Irrigation Project Commissioned, Extension of Pipeline underway, Funds available with Deptt
5.	Mukerian	5	Commissioned		
6.	Sham Churasi	1	Commissioned		
7.	Sri Hargobindpur	1	Commissioned		
8.	Sultanpur Lodhi	2.6	Commissioned		Irrigation Project Commissioned, Extension of Pipeline underway, Funds available with Deptt
9.	Pathankot	27.0	T + 20	675	Funds to be tied up
10.	Tanda	4.0	T + 20	145	Funds to be tied up
<b>B</b>	<b>MES , Pathankot</b>				
11.	GE, Air Force	3.0	T + 20	90	Funds to be tied up
12.	GE, South	2.0	T + 20	60	Funds to be tied up
13.	GE, West	2.0	T + 20	60	Funds to be tied up
14.	GE , Mammon	2.0	T + 20	62	Funds to be tied up
15.	GE , North	2.0	T + 20	65	Funds to be tied up
<b>Total</b>		<b>87.10</b>		<b>1157.00</b>	

**Towns where STPs are proposed to be installed**

S. No	Name of Town	Cap. (MLD)	Irrigation Scheme		
			Time	Funds (Lacs)	Remarks
<b>A</b>	<b>Municipal Councils</b>				
1.	SultanpurLodhi	4.0	T + 20	117.00	Funds to be tied up
2.	SultanpurLodhi	1.0	T + 20	34.00	Funds to be tied up
3.	Kartarpur	4.0	T + 20	109.00	Funds to be tied up
4.	Dhilwan	2.5	T + 20	62.50	Funds to be tied up
5.	KothiPandita, Pathankot	2.0	T + 20	75.00	Funds to be tied up
6.	Adarash Nagar, Pathankot	1.2	T + 20	38.00	Funds to be tied up
7.	Haryana	2.0	T + 20	58.00	Funds to be tied up
8.	Sujanpur	5.5	T + 20	135.00	Funds to be tied up
9.	Talwara Town	4.0	T + 20	95.00	Funds to be tied up
10.	Rayya	3.5	T + 20	95.00	
<b>B</b>	<b>Other Local Bodies</b>				
11.	Goindwal Sahib	1.3	T + 20	65.00	Funds to be tied up
12.	Jalandhar Dev. Authority	1.0	T + 20	65.00	Funds to be tied up
<b>C</b>	<b>MES</b>				
13.	GE, Kapurthala	1.0	T + 20	35.00	Funds to be tied up
<b>D</b>	<b>PSIEC</b>				
14.	Industrial Growth Centre Pathankot	2.0	T + 20	67.00	Funds to be tied up
15.	Industrial Focal Point Goindwal Sahib	2.0	T + 20	65.00	Funds to be tied up
<b>Total</b>		<b>37</b>		<b>1115.50</b>	

## Setting up of Treatment Facilities in Villages

Sr. No	Name of Project	Discharge MLD	Timelines as per Action Plan						Current Progress
			Preparation of DPR	Financial Closure	Tendering including allotment	Commencement of Work	Quarterly Milestones during construction	Completion and Commissioning	
	<b>River Sutlej</b>								
1.	Phase I- 75 Villages	12.22	30.06.19	31.08.19	31.10.19	01.11.19		30.06.20	
2	Phase II- 131 Villages	37.30	30.06.20	31.08.20	31.10.20	01.11.20		30.06.21	
3	Phase III- 130 Villages	17.77	30.06.21	31.08.21	31.10.21	01.11.21		30.06.22	
	<b>River Beas</b>								
1.	Phase I- 5 Villages	1.24	30.06.19	31.08.19	31.10.19	01.11.19		30.06.20	
2	Phase II- 35 Villages	6.68	30.06.20	31.08.20	31.10.20	01.11.20		30.06.21	
3	Phase III- 35 Villages	9.31	30.06.21	31.08.21	31.10.21	01.11.21		30.06.22	

## Installation of OCMS and CCTVs for Existing STPs - River Sutlej

S. No	Town	STP Capacity (MLD)	Status of OCMS		Status of CCTVs	
			Expected Completion Date	Current Status	Expected Completion Date	Current Status
	<b>MC, Ludhiana</b>					
1.	Jamalpur	48	14.10.19	DPR Prepared. Tender floated after model code of conduct	31.12.19	Tender prepared & floated after model code of conduct
2	Bhattian	111	14.10.19		31.12.19	
3	Bhattian	50	14.10.19		31.12.19	
4	Baloke	152	14.10.19		31.12.19	
5	Baloke	105	14.10.19		31.12.19	
	<b>MC, Jalandhar</b>					
6	Pholriwal	100	31.12.19		31.12.19	
7	Pholriwal	25	31.12.19		31.12.19	
8	Pholriwal	25	31.12.19		31.12.19	
9	Basti Peer Dad	50	31.12.19		31.12.19	
10	BambianWaliCantt	10				
11	Jaitawali, Hsr. Road	25	31.12.19		31.12.19	
	<b>PWSBB</b>					
12	Phagwara	20	30.11.19		30.04.19	
13	Phagwara	8	30.11.19		30.04.19	
14	Phagwara	8	30.11.19		30.04.19	
15	Phillaur	3	30.11.19		30.04.19	
16	Phillaur	2.6	30.11.19		30.04.19	
17	Nakodar	6	30.11.19		30.04.19	
18	Nawanshahar	6	30.11.19		30.04.19	
19	Banga	3	30.11.19		30.04.19	
20	Hoshiarpur	30	30.11.19		30.04.19	
21	Baghapurana	4	30.11.19		30.04.19	
22	Nangal	8	30.11.19		30.04.19	
23	Nangal	5	30.11.19		30.04.19	
24	Machhaiwara	4	30.11.19		30.04.19	
25	Sahnewal	7	30.11.19		30.04.19	

S. No	Town	STP Capacity (MLD)	Status of OCMS		Status of CCTVs	
			Expected Completion Date	Current Status	Expected Completion Date	Current Status
26	Ropar	10	30.11.19		30.04.19	
27	Ropar	2.5	30.11.19		30.04.19	
28	Ropar	2	30.11.19		30.04.19	
29	Jagraon	12	30.11.19		30.04.19	
30	Jagraon	16	30.11.19		30.04.19	
31	Goniana	3	30.11.19		30.04.19	
32	Moga	27	30.11.19		30.04.19	
33	Abohar	25	30.11.19		30.04.19	
34	Malout	3	30.11.19		30.04.19	
35	Malout	10	30.11.19		30.04.19	
36	Dharamkot	4	30.11.19		30.04.19	
37	Makhu	4	30.11.19		30.04.19	
38	Talwandi Bhai	4	30.11.19		30.04.19	
39	Zira	8	30.11.19		30.04.19	
40	Jalalabad	8	10.07.19		10.07.19	
	<b>MES</b>					
41	East Jalandhar Cantt.	3				
42	East Jalandhar Cantt.	3				
43	East Jalandhar Cantt.	0.4				
44	West Jalandhar Cantt.	1.5				
45	West JalandharCantt.	1.5				
	<b>BBMB</b>					
46	Nangal	6.75				
	<b>DWSS</b>					
47	Sh.Muktsar Sahib	8.7	31.12.19			
48	Sh.Muktsar Sahib	5.7	31.12.19			
49	Sh.Muktsar Sahib	3.5	31.12.19			
50	Anandpur sahib	8	31.12.19		10.05.19	
	<b>GMADA</b>					
51	Kurali	5	30.06.19		30.06.19	

**Installation of OCMS and CCTVs for Existing STPs - River Beas**

S. No	Town	STP Capacity (MLD)	Status of OCMS		Status of CCTVs	
			Expected Completion Date	Current Status	Expected Completion Date	Current Status
	<b>PWSSB</b>					
1.	Pathankot	27.0	30.11.19		31.03.19	
2.	Shri Hargobindpur	1.0	30.11.19		31.03.19	
3.	Mukerian	5.0	30.11.19		31.03.19	
4.	Dasuya	4.0	30.11.19		31.03.19	
5.	Tanda	4.0	30.11.19		31.03.19	
6.	Begowal	2.5	30.11.19		31.03.19	
7.	Bholath	4.0	30.11.19		31.03.19	
8.	Kapurthala	25.0	30.11.19		31.03.19	
9.	SultanpurLodhi	2.6	30.11.19		31.03.19	
10.	Sham Chuarasi	1.0	30.11.19		31.03.19	
	<b>Other Local Bodies</b>					
11.	Talwara (BBMB)	8.0	30.06.19		30.06.19	
	<b>MES , Pathankot</b>					
12.	GE, Air Force	3.0	30.11.19		30.04.19	
13.	GE, South	2.0	30.11.19		30.04.19	
14.	GE, West	2.0	30.11.19		30.04.19	
15.	GE , Mammon	2.0	30.11.19		30.04.19	
16.	GE , North	2.0	30.11.19		30.04.19	

**Installation of OCMS and CCTVs for Proposed STPs - River Beas**

S. No	Town	STP Capacity (MLD)	Status of OCMS		Status of CCTVs	
			Expected Completion Date	Current Status	Expected Completion Date	Current Status
	<b>PWSSB</b>					
1.	SultanpurLodhi	1	30.09.20		30.09.20	
2.	Kartarpur	4	30.09.20		30.09.20	
3.	KothiPandita	2	30.09.20		30.09.20	
4.	Adarash Nagar	1.2	30.09.20		30.09.20	
5.	Hariana	2	30.09.20		30.09.20	
6.	Dhilwan	2.5	30.09.20		30.09.20	
7.	SultanpurLodhi	4	30.09.20		30.09.20	
8.	Sujanpur	5.5	30.09.20		30.09.20	
9.	Talwara	4	30.09.20		30.09.20	
	<b>DWSS</b>					
10.	Goindwal Sahib	1.3	30.05.19		30.04.19	
	<b>JDA</b>					
11.	Rawal& Colonies	1	30.09.20		30.09.20	
	<b>MES</b>					
12.	Kapurthala	1	30.11.19		30.04.19	
	<b>PSIEC</b>					
13.	FP, Pathankot	2	30.09.20		30.09.20	
14.	FP, Goindwal Sahib	2	30.09.20		30.09.20	

## Installation of OCMS for Industries - River Sutlej

Sr No.	Activity	Date of Start	Date of completion
1	Procurement Process	01.02.2019	28.02.2019
2	Finalization of Supply orders	01.03.2019	31.03.2019
3	Installation of online continuous monitoring system	01.04.2019	31.05.2019
4.	Calibration of online continuous monitoring system	01.06.2019	30.06.2019
5.	Connecting the online continuous monitoring system with the server of PPCB	01.07.2019	31.07.2019

**Note:** PPCB reported that 48 industries having discharge more than 50 KLD are required to install OCMS. Out of 48 industries, 2 industries installed OCMS & letters issued to the remaining units to install OCMS.



### Installation of OCMS for Industries - River Beas

Sr. No.	Activity	Date of Start	Date of completion
1	Contacting to various suppliers for inviting quotations.	01.02.2019	28.02.2019
2	Finalization of orders with the supplier	01.03.2019	31.03.2019
3	Installation of online continuous monitoring system	01.04.2019	31.05.2019
4.	Caliberation of online continuous monitoring system	01.06.2019	30.06.2019
5.	Connecting the online continuous monitoring system with the server of the CPCB and PPCB	01.07.2019	31.07.2019

**Note:** PPCB reported that out of total 21 industries, OCMS installed in 3 industries, 10 industries not required OCMS & 8 industries is yet to install OCMS.

## Organization of Health Check-up Camps - River Sutlej &amp; Beas

Sr. No.	No. of Health Camps organized during January, 2019	City / Town / Location of Camps	No. of people examined	No. of people found affected with water borne disease

**Public Awareness Programmes Organized - River Sutlej & Beas**

<b>Sr. No.</b>	<b>No. of awareness programme organized during January, 2019</b>	<b>City / Town / Location of programme</b>	<b>Avg. No. of participants</b>	<b>Brief detail about programme</b>