

HSPCB

HARYANA STATE POLLUTION CONTROL BOARD C-11, SECTOR-6, PANCHKULA Ph. 0172-2577870-73 E-mail:hspcbho@gmail.com



No. HSPCB/WC-263 8814

Dated:- 36 819

То

The Chairman Executive Committee, Tower No.5 fourth floor Forest Complex, Sector, 68 SAS Mohali

Sub: compiled monthly ATR for the month of June, 2019 to the Executive Committee appointed in matter of OA No. 138/2016 Stench Grips Mansa's Sacred River Ghaggar.

Sir,

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the copy of compiled monthly ATR for the month of June, 2019 to the Executive Committee appointed in matter of OA No. 138/2016 Stench Grips Mansa's Sacred River Ghaggar.

DA/ As above

Env. Engineer (HQ) For Member Secretary

#### Month of June, 2019.

Questionnaire in respect of Hon'ble NGT order dated 07.08.2018 in OA No. 138 & 139 of 2016- Control of Pollution in River Ghaggar for Month of June, 2019.

1. Whether the District level STF have submitted the monthly action taken report to the State STF or not? If no report submitted, has any action taken against the erring officer/official?

Sr. No.	Name of Task Force	Status of report	Remarks
1.	Panchkula	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 1, 3, 4, 5, 6, 7, 10, 12,14, 15, 16, 17, 18, 19 have not been submitted.</li> </ul>
2	Ambala	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 1, 3, 5, 6,7, 8, 11, 14,15, 16, 17, 18, 19 and 21 have not been submitted.</li> </ul>
3.	Kurukshetra	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 3, 4, 5, 6, 7, 10, 13, 14, 15, 16, 17, 18, 19, 20 and 21, have not been submitted.</li> </ul>
4.	Jind	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 4.1, 5.2, 6, 7, 8, 10.3, 13, 14, 14.1, 14.2, 14.3, 15, 16, 19, 19.1, 19.2, 20, 21, 22, 24, 25 and 26 have not been submitted.</li> </ul>
5.	Kaithal	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 3, 4.2, 7, 8, 10, 10.1, 10.2, 10.2.1, 10.3, 10.5, 14, 14.1, 14.2, 14.3, 18, 19, 19.1, 19.2, 20, 21, 24, 25 and 26 have not been submitted.</li> </ul>
6.	Fatehabad	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 6, 14, 14.1, 19, 25 have not been submitted.</li> </ul>
7.	Hisar	submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 26 have not been submitted.</li> </ul>
8.	Sirsa	Submitted	<ul> <li>Deficiencies in reports:-</li> <li>The action taken for various points of the action plan for points no. 7, 14, 14.1 and 24 have not been submitted.</li> </ul>

All the Deputy Commissioners and Regional Officers shall be asked to look into the matter personally and ensure to send the correct report for June, 2019.

2. Whether the State level STF has furnished and submitted its three monthly action taken report to the CPCB, New Delhi?

Submitted for 1<sup>st</sup> quarter and 2<sup>nd</sup> quarter.

3. Whether the reports of District/ States STFs have been uploaded on the website of State Pollution Control Board?

Yes

4. Whether the Monitoring the point sources into River Ghaggar with regard to parameters like ph, DO, BOD, T. coli, F. coli, conductivity, Boron and DBU based on the analysis results of each pollution source into River Ghaggar has been carried out? If so, the analysis results thereof.

The analysis report attached as Annexure-A

5. List of Towns which have not provided STP's as per the time schedule mentioned in the action plan.

The status is enclosed at Annexure-B

6. Percentage of the work done regarding installation of STPs of towns as per the time schedule mentioned in the action plan.

The status of each under construction STP is enclosed at Annexure-B

#### 7. List of industries presently discharging effluent into River Ghaggar.

New list has not been provided and the old list has already been submitted in April, 2019.

8. List of industries which have stopped discharging effluent directly/indirectly in River Ghaggar.

NIL

#### 9. List of defaulting industries to whom notices/ direction have been issued.

M/s Sainsons Paper Indus. Ltd., Plot No. 5, Vill Bakhli, Pehowa, Kurukshetra has been closed vide order no. 1059 dated 10.06.2019.

10. List of industries against whom legal action has been taken. If no action taken, reason thereof.

Approval for filing of prosecution sanction issued against M/s Sainsons Paper Indus. Ltd., Plot No. 5, Vill Bakhli, Pehowa, Kurukshetra vide order no 1369-1371 dated 27.06.2019.

## 11. Besides industries, any other sources where violations were observed and status of legal action taken against these violators.

NIL

12. Quality of water of river Ghaggar in terms of parameters like ph, DO, BOD, T. coli, F. coli, conductivity, Baron at every entry and every exit point of the respective State.'

Sr. No.1 of **Annexure-A** represents entry point and Sr. No. 44 of Annexure-A represents exist point.

13. How many ground water samples along the catchment area of river Ghaggar have been taken and analyzed in each month? What are the results of the analysis of such samples?

The compiled analysis reports are enclosed as Annexure-B.

## Abstract of Ground Water Samples (Ghaggar)

Sr. No.	District	No. Of Ground water samples collected in the month of June, 2019	No. Of Complying	No. Of non- complying samples
1	Panchkula	6	6	0
2	Ambala	7	5	2
3	Kurukshetra	0	0	0
4	Kaithal	0	0	0
5	Jind	0	0	0
7	Fatehabad	0	0	0
8	Hisar	0	0	0
9	Sirsa	5	3	2
	Total	18	14	4

# 14. How many Health Camps events involving civil societies have been organized in each month in the vicinity of the river Ghaggar.

Sr. No.	Name of Task Force									
1.	Panchkula	1	83 Patients at vill. Patan examined.							
2	Ambala	2	77 Patients at vill. Niharsi, 150 Patients at vill. Addomajra examined.							
3.	Kurukshetra	0	Not submitted							
4.	Jind	0	Not submitted							
5.	Kaithal	11	61 patients at vill. Sirsa, 78 patients at vill. Manas, 34 patients at vill. Maghomajri, 65 patients at vill. Khanpur, 61 patients at vill. Kutubpur, 17 patients at vill. Patrala, 14 patients at vill. Dandota, 22 patients at vill. Jodwa, 12 patients at vill. Chandigarh Plant, 32 patients at vill. Lalpur, 30 Patients examined at village Hemumajra.							
6.	Fatehabad	2	43 patients at Vill. Plot Buta Ram, 54 patients examined at Village Babanpur Dhani.							
7.	Hisar	0	Not submitted							
8.	Sirsa	2	33 patients at Vill. Chakbani, 51 patients examined at village Saharni.							
	Total	18								

#### Annexure-A

## Results of the Water samples collected from the drains/ Ghaggar River

Sr	Date of sample	A/R No. & date	PH	BO D	CO D	TSS mg/l	0 & G	Ammo nical	DO mg/l	Faecal Colifor	Total Coliform	Conduc tivity
N o.	collection			mg/ I	mg/ I		mg/l	Nitrog en (as N) mg/l		m	Comonin	uvity
1	Ghaggar riv	ver before me	eting di	schar	ge of S	STP Sec	-28 at k	Kakrali, P	unjab.			
	27.06.2019	910 dt. 15.07.2019	7.98	8	50	6146	BDL	BDL				
2		ver after meet							njab.		1	1
	27.06.2019	911, dt. 15.07.2019	7.8	10	54	6112	BDL	BDL				
3	Discharge	of STP, Sec-2	8. Panc	hkula	at Vill-	· Kakral	i. Punia	b.				
0	27.06.2019	912 dt. 15.07.2019	7.88	14	57. 2	32	BDL	BDL				
4	Ghaggar Ri	ver before mix										
	June							<i>i</i> n drain	I	I		
5		gar Drain, G.T										
6	27.06.2019	935 dt. 15.07.2019 in near Motor	7 Morkot	80	289 .6	258	9	32.52				
6	27.06.2019	934 dt.	7.32	, Amb 120	432	. <b>y</b> 344	12	16.24				
	21.00.2013	15.07.2019	1.02	120	.8		14	10.24				
7	Singh N	allah choe be house ph-1				hter						
	27.06.2019	923 dt. 15.07.2019	7.01	60	205 .2	126	9.5	18.48				
8		before meetin	-						Panchk	ula		
	27.06.2019	929 dt. 15.07.2019	7.69	42	150	86	6	18.48				
9		after meeting	1						anchku	la		1
10	27.06.2019	930 dt. 15.07.2019	7.5	70	256 .4	252	6.5	13.44		<u> </u>		
10	27.06.2019	<b>lomestic efflu</b> 931 dt.	7.22	120	428	378	rains, no	27.92	Dr-18, P	anchkula		
	27.00.2019	15.07.2019	1.22	120	.4	570	14	17.92				
	Drains of Pu											
11		ver after meet	ing Suk	hna C	hoe a	t Vill- Bl	hankarp	ur, Punj	ab			1
	27.06.2019	913 dt. 15.07.2019	8.01	20	82	3802	BDL	BDL				
12		e at Vill- Bha						00.50				
10	27.06.2019	15.07.2019	7.37	110	367 .2	308	11 Dhanka	23.52	n in h			
13	27.06.2019	ver before me 915 dt.	7.97	12	66.	6184	BDL	BDL	njab			Γ
4.4		15.07.2019			8				(D	h) /  lin a fa		
14	27.06.2019	ver before me 936 dt.	7.87	erabas	63.	ain nea 6232	BDL	BDL	r (Punja	b) (Upstr	eam)	
	27.00.2019	15.07.2019	1.01	10	2	0232	BDL	BDL				
15	Derabassi d	rain near Vill	- Bakka	rpur (		o).						
-	27.06.2019	937 dt.	7.51	12	54	22	BDL	12.32				
16		15.07.2019 ver after meet	ing Der	abass	i near	Vill- Ba	kkarpur					
	(Punjab). 27.06.2019	938 dt.	7.93	11	58.	6164	BDL	3.36				
17	Ghagaar Di	15.07.2019 ver before me	otina P		8 Choe	at Vill_'	 Tenla /[	luniah)				
17	June							/ in drain				
18		hoe at vill. Te			. conce							
	June				collect	ted due t	o nil flov	<i>i</i> n drain	1	I		1
19		ver after meet										
	June		Sam	ple not	collect	ted due t	o nil flow	in drain				
20		er before mee						· · ·				1
	June				collect	ted due t	o nil flow	<i>i</i> n drain				
21		oe at Vill- Tiw										
00	June							/ in drain				
22		ver after mixi							)		1	1
	June		Sam	pie not	collect	tea due t	o nii flow	<i>i</i> in drain				

	Date of	A/R No. &	PH	BO	CO	TSS	0&	Ammo	DO	Faecal	Total	Conduc				
Sr	sample	date	- F 11	D	D	mg/l	G	nical	mg/l	Colifor	Coliform	tivity				
N o.	collection			mg/	mg/	0	mg/l	Nitrog en (as	U	m						
•.				•	-			N)								
23	Chaggar Di	vor oftor mivi	ng Dooh	ic Dro	bo dra	in at Sc	rala khi	mg/l urd (Poti								
23	June	ver after mixi					o nil flow		aia).							
24		ha drain at Vi					0 111 110 1	in uranı								
	June						o nil flow	in drain								
25		gar River before mixing Pachis Draha drain at Vill- Sarala d (Patiala).														
	Khurd (Patia	ala). Sample not collected due to nil flow in drain														
00	June															
26	27.06.2019	lah, Vill- Bhai 928 dt.	<b>ткагриг</b> , 7.22	110 110	369	330	13	er Gnag 22.96	gar							
	27.00.2013	15.07.2019	1.22	110	.2	550	15	22.30								
27		r drain contai				ana, Dh	akoli &	Army ar	ea of zi	rakpur at	Vill- Dhak	oli,				
		ind D-block K			1											
	27.06.2019	919 dt. 15.07.2019	7.57	40	124	96	2.5	21.28								
28	Sukhna cho	e after meeti	na efflue	ent fro	.8 m Ch		Raltana	effleunt	other c	olonies c	of chandiga	rh and				
20		, near. I.A, Cl				,, L	Juntania	emeant,			i onanaige					
	27.06.2019	921 dt.	7.17	80	310	548	7	19.04								
<u> </u>		15.07.2019														
29		Itana before	_				40	15 10								
	27.06.2019	932 dt. 15.07.2019	7.24	110	416	372	12	15.12								
30	Sukhna cho	e near Raipu	r Kalan a	and M	akhan	majra b	efore m	eetina M	DC dra	in						
-	27.06.2019	933 dt.	7.48	105	364	328	13	19.6								
<u> </u>		15.07.2019			.4											
31		handigarh do							andiga	rh.						
32	June	rea drain afte					o nil flow		at Dain	ur khurd	Chandiga	·h				
32	27.06.2019	927 dt.	7.43	60	226	312	8.5	14	αι καιμ		Chanuiya	11.				
	21.00.2010	15.07.2019	1.10	00	220	012	0.0									
33		m of Markand			nixing	Jatton v	wala Na	llah at C	hambe	majri bri	idge, Sadh	ara				
		Road (Station														
34		Sample not o ver, Near Bur						<b>95</b> )								
34	Ghayyar Ki		Kolia, F	ancin	luia(Si		oue- 10	55)								
	June		Sam	ple no	t collec	ted due t	o found	river dry								
35	Brahma Sar	ovar, Distt- K						•								
	June						1040/									
36							o found	river dry								
37		lake, Surajpu	r, Panch	nkula (	(Code-	1392)	o found									
31	June Biver Char		<b>r, Panc</b> ł Sam	n <b>kula (</b> iple no	( <b>Code-</b> t collec	• <b>1392)</b> ted due t	1									
	River Ghag	igar before m	r, Panch Sam eeting d	<b>ikula (</b> iple no <b>ischa</b> i	(Code- t collec rge of	1392) ted due t Ratia.	o found	river dry	4.6	26400	480000					
		<b>gar before m</b> 99 dt.	<b>r, Panc</b> ł Sam	n <b>kula (</b> iple no	( <b>Code-</b> t collec	• <b>1392)</b> ted due t	o found		4.6	26400	480000					
	River Ghag 27.06.2019 Discharge o	gar before m 99 dt. 03.07.2019 of Ratia Town	<b>r, Panch</b> Sam <b>eeting d</b> 8.6	<b>ikula (</b> iple no <b>ischa</b> 40	(Code- t collec rge of 120	1392) ted due t Ratia. 70	to found	river dry 30	4.6	26400	480000					
38	River Ghag 27.06.2019 Discharge o Latitude 75.	gar before m 99 dt. 03.07.2019 of Ratia Town 551894)	r, Panch Sam eeting d 8.6 through	ischar 40 drain	(Code- t collec rge of 120	1392) ted due t Ratia. 70 gitude 2	o found i o found i 12 9.71146	river dry 30 8 and								
38	River Ghag 27.06.2019 Discharge o	gar before m 99 dt. 03.07.2019 ff Ratia Town 551894) 101 dt.	<b>r, Panch</b> Sam <b>eeting d</b> 8.6	<b>ikula (</b> iple no <b>ischa</b> 40	(Code- t collec rge of 120	1392) ted due t Ratia. 70	to found	river dry 30	4.6	26400 9100	480000					
	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2	hkula ( pple no ischar 40 drain 22	(Code- t collec rge of 120 h (Long 96	1392) ted due t Ratia. 70 gitude 2 30	o found i o found i 12 9.71146	river dry 30 8 and								
	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019	gar before m 99 dt. 03.07.2019 ff Ratia Town 551894) 101 dt.	r, Panch Sam eeting d 8.6 through 8.2	hkula ( pple no ischar 40 drain 22	(Code- t collec rge of 120 h (Long 96	1392) ted due t Ratia. 70 gitude 2 30	o found i o found i 12 9.71146 ND	river dry 30 8 and ND	4.5	9100	140000					
39	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of c 8.4	h <mark>kula (</mark> iple no ischai 40 drair 22 discha 46	Code       t collect       rge of       120       120       120       120       120       120       120       120       120       120       120       120       120       120	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80	o found i to found i 12 <b>9.71146</b> ND	river dry 30 8 and ND 42								
39	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eting di	hkula ( iple no ischai 40 drair 22 discha 46 schar	Code- t collec rge of 120 1 (Long 96 104 ge of	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg	o found i o found i 12 9.71146 ND 10 jarh tow	river dry 30 8 and ND 42 n	4.5	9100 24600	140000 460000					
39	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt.	r, Panch Sam eeting d 8.6 through 8.2 ting of c 8.4	h <mark>kula (</mark> iple no ischai 40 drair 22 discha 46	Code       t collect       rge of       120       120       120       120       120       120       120       120       120       120       120       120       120       120	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80	o found i to found i 12 <b>9.71146</b> ND	river dry 30 8 and ND 42	4.5	9100	140000					
<u>39</u> 40	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6	hkula ( iple no ischai 40 drair 22 discha 46 schar	Code- t collec rge of 120 1 (Long 96 104 ge of	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg	o found i o found i 12 9.71146 ND 10 jarh tow	river dry 30 8 and ND 42 n	4.5	9100 24600	140000 460000					
<u>39</u> 40	River Ghag 27.06.2019 Discharge of Latitude 75. 27.06.2019 River Ghag 27.06.2019 River Ghag 27.06.2019 Discharge of	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 f Sardulgarh	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6 town	ischar 40 22 dischar 46 schar 44	Code-           t collect           rge of           120	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60	o found i to found i 12 9.71146 ND 10 jarh tow 10	river dry 30 8 and ND 42 7n 30	4.5 4.1 4.8	9100 24600 21800	140000 460000 490000					
<u>39</u> 40	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6	hkula ( iple no ischai 40 drair 22 discha 46 schar	Code- t collec rge of 120 1 (Long 96 104 ge of	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg	o found i o found i 12 9.71146 ND 10 jarh tow	river dry 30 8 and ND 42 n	4.5	9100 24600	140000 460000					
39 40 41	River Ghag 27.06.2019 Discharge of Latitude 75. 27.06.2019 River Ghag 27.06.2019 Discharge of 27.06.2019 Discharge of 27.06.2019 River Ghag	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6 town 8.5	hkula ( iple no ischar 40 a drair 22 dischar 46 schar 44	Code           t collect           rge of           120           120           120           120           120           120           120           120           120           120           120           120           96           arge of           104           ge of           88           88           88           e of Sa	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60 24 ardulga	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 m 30 10	4.5 4.1 4.8 3.9	9100 24600 21800 8900	140000 460000 490000 110000					
39 40 41	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghage           27.06.2019           Discharge of 27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before mee 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt.	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6 town 8.5	hkula ( iple no ischar 40 a drair 22 dischar 46 schar 44	Code-           t collect           rge of           120	1392) ted due t Ratia. 70 gitude 2 30 30 Ratia. 80 Sardulg 60	o found i o found i 12 <b>9.71146</b> ND 10 jarh tow 10	river dry 30 8 and ND 42 7n 30	4.5 4.1 4.8	9100 24600 21800	140000 460000 490000					
39 40 41 42	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of a 8.4 eeting di 8.6 town 8.5 ting dis 8.2	hkula ( iple no ischai 40 22 discha 46 schar 44 18 charg 42	Code           t collect           rge of           120           120           120           120           120           120           120           120           120           120           104           ge of           88           88           e of Sa           112	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60 24 24 ardulga 90	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 m 30 10	4.5 4.1 4.8 3.9	9100 24600 21800 8900	140000 460000 490000 110000					
39 40 41 42	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019 H-1 at road bi	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6 town 8.5 ting dis 8.2	kula ( iple no ischar 40 22 22 dischar 46 schar 44 18 charg 42 rsa- D	Code           t collect           rge of           120           120           120           120           120           120           120           120           120           96           arge of           104           ge of           88           88           112           Dabwal	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60 24 24 ardulga 90 i Road	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 7n 30 10 40	4.5 4.1 4.8 3.9 4.2	9100 24600 21800 8900 23900	140000 460000 490000 110000 460000	1460				
39 40 41 42	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           River Ghag           27.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of a 8.4 eeting di 8.6 town 8.5 ting dis 8.2	hkula ( iple no ischai 40 22 discha 46 schar 44 18 charg 42	Code           t collect           rge of           120           120           120           120           120           120           120           120           120           120           104           ge of           88           88           e of Sa           112	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60 24 24 ardulga 90	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 m 30 10	4.5 4.1 4.8 3.9	9100 24600 21800 8900	140000 460000 490000 110000	1460				
39 40 41 42 43	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           Discharge of 27.06.2019           Ghaggar G	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019 H-1 at road bu 155 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6 town 8.5 ting dis 8.2	kula ( iple no ischar 40 22 22 dischar 46 schar 44 18 charg 42 rsa- D	Code           t collect           rge of           120           120           120           120           120           120           120           120           120           96           arge of           104           ge of           88           88           112           Dabwal	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60 24 24 ardulga 90 i Road	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 7n 30 10 40	4.5 4.1 4.8 3.9 4.2	9100 24600 21800 8900 23900	140000 460000 490000 110000 460000	1460				
39 40 41 42 43	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           River Ghag           27.06.2019           Ghaggar G           24.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019 H-1 at road bu 155 dt. 03.07.2019 H-5 dt.	r, Panch Sam eeting d 8.6 through 8.2 ting of d 8.4 eeting di 8.6 town 8.5 ting dis 8.2	kula ( iple no ischar 40 22 22 dischar 46 schar 44 18 charg 42 rsa- D	Code           t collect           rge of           120           120           120           120           120           120           120           120           120           96           arge of           104           ge of           88           88           112           Dabwal	1392) ted due t Ratia. 70 gitude 2 30 Ratia. 80 Sardulg 60 24 24 ardulga 90 i Road	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 7n 30 10 40	4.5 4.1 4.8 3.9 4.2	9100 24600 21800 8900 23900	140000 460000 490000 110000 460000	1460				
39 40 41 42 43 44	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           Discharge of 27.06.2019           Ghaggar G           24.06.2019           Ghaggar Ot           24.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before mee 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019 H-1 at road br 155 dt. 03.07.2019 tu Weir 156 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of a 8.4 eeting di 8.6 town 8.5 town 8.5 ting dis 8.2 idge, Si 8.7	kula (       iple no       ischar       40       22       dischar       46       schar       46       schar       44       18       charg       42       48       54	Code           t collect           rge of           120           120           120           120           96           arge of           104           ge of           88           e of Sa           112           babwal           88	1392)         ted due t         Ratia.         70         gitude 2         30         Ratia.         80         Sardulga         60         24         90         i Road         140	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 m 30 10 40 90	4.5 4.1 4.8 3.9 4.2 3.8	9100 24600 21800 8900 23900 24200	140000 460000 490000 110000 460000 560000					
39 40 41 42 43 44	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           Bischarge of 27.06.2019           Ghaggar Gi           24.06.2019           Ghaggar Ot           24.06.2019           Ghaggar Gi           24.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before me 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019 H-1 at road bi 155 dt. 03.07.2019 H-1 at road bi 155 dt. 03.07.2019 H-1 at road bi 155 dt. 03.07.2019 H-1 at road bi 155 dt. 03.07.2019 H-1 at road bi 156 dt. 03.07.2019 H-2 at Chandp	r, Panch Sam eeting d 8.6 through 8.2 ting of a 8.4 eting dis 8.6 town 8.5 ting dis 8.2 idge, Si 8.7 8.2 sur Syph	ikula (         iple no         ischar         40         22         dischar         46         schar         46         schar         44         18         charg         42         rsa- D         48         54         nen	Code           t collect           rge of           120           120           120           120           120           96           arge of           104           ge of           88           e of Sa           112           Dabwal           112	1392)         ted due t         Ratia.         70         gitude 2         30         Ratia.         80         Sardulg         60         24         90         i Road         140         260	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 7n 30 10 40 90 50	4.5 4.1 4.8 3.9 4.2 3.8 4.2	9100 24600 21800 8900 23900 24200 23800	140000 460000 490000 110000 460000 550000	2160				
38 39 40 41 41 42 43 44	River Ghag           27.06.2019           Discharge of Latitude 75.           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           River Ghag           27.06.2019           Discharge of 27.06.2019           Discharge of 27.06.2019           Ghaggar G           24.06.2019           Ghaggar Ot           24.06.2019	gar before m 99 dt. 03.07.2019 of Ratia Town 551894) 101 dt. 03.07.2019 gar after mee 100 dt. 03.07.2019 gar before mee 102 dt. 03.07.2019 of Sardulgarh 104 dt. 03.07.2019 gar after mee 103 dt. 03.07.2019 H-1 at road br 155 dt. 03.07.2019 tu Weir 156 dt. 03.07.2019	r, Panch Sam eeting d 8.6 through 8.2 ting of a 8.4 eeting di 8.6 town 8.5 town 8.5 ting dis 8.2 idge, Si 8.7	ikula (         iple no         ischar         40         22         dischar         46         schar         46         schar         44         18         charg         42         rsa- D         48         54	Code           t collect           rge of           120           120           120           120           96           arge of           104           ge of           88           e of Sa           112           babwal           88	1392)         ted due t         Ratia.         70         gitude 2         30         Ratia.         80         Sardulga         60         24         ardulga         90         i Road         140	o found i to found i 12 9.71146 ND 10 arh tow 10 ND	river dry 30 8 and ND 42 m 30 10 40 90	4.5 4.1 4.8 3.9 4.2 3.8	9100 24600 21800 8900 23900 24200	140000 460000 490000 110000 460000 560000					

### Annexure-B

Sr. No.	Name of District	Name of town/city	Deptt	Capacity (MLD)	% physical progress achieved June, 19	Date of completion of constructio n	Remarks
1	Panchkula	Toka	ULBD	0.5	85	26.12.2019	
2	Panchkula	Nangal	ULBD	0.5	70	26.12.2019	
3	Panchkula	Khatoli	ULBD	0.75	15	26.12.2019	
4	Panchkula	Kot	ULBD	0.75	65	26.12.2019	
5	Panchkula	Billa	ULBD	0.75	0	26.12.2019	
6	Panchkula	Sukhdarshanpur	ULBD	0.75	60	26.12.2019	
7	Panchkula	Kangowalan	ULBD	1	0	26.12.2019	
8	Panchkula	Suketri	ULBD	1.5	0	26.12.2019	
10	Ambala	Barara	PHED	4	75	31.10.2019	
11	Ambala	Ambala	HSVP	5	20	31.03.2020	
12	Ambala	12 Cross Road	ULBD	12	1	04.02.2020	
13	Ambala	Khuda Khurd	ULBD	12	1	04.02.2020	
14	Kurukshetra	Kurukshetra	HSVP	15	95	31.12.2019	
15	Jind	Jind	PHED	7	70	30.11.2019	
16	Hisar	Village, Dabra	ULBD	8	10	05.02.2020	

## List of Under construction STP along target dates for completion of construction

#### Annexure-B

#### Compilation of Ground Water Samples- June, 2019

Sr.N o.	Sampli ng Locatio n	Analysi s Report No.	Date of collectio n	pH (6.5 to 8.5 limi t)	Conductiv ity	CO D		TS S	Total Hardne ss (200- 600)	Fluori de (1.0 limits)	Chlori de (250 limits)	Sulpha te (200- 400 )	Calciu m (75 limits) (200)	Magnesi um (30) (100)	Nick el (0.02 )	Zin c (5- 15 )	lron (0.3 limit s)	Total caolifor m	Feacal Colifor m	Phosph ate	Sodiu m	Potassi um	Remark s
1	Tubewell	NO. 2 dt.	Sector-24 d	t. HUD	A dt. Panchk	ula	I								-	-							
		872 dt. 21.06.20 19	14.06.201 9	7.86		9.2		-	258		40	BDL	56.8	28.188		0.10 7	0.094	221	NIL		39.5	0.6	Complyi ng
2	Tubewell				A,Panchkula																		
		873 dt. 21.06.20 19	14.06.20 19			8		-	260		34	BDL	59.2	27.216		0.17 6	0.095	7	NIL		39	0.4	Complyi ng
3	Tubewell	No. 1 dt. (	HUDA divis	ion No.	3) Near dum	ping g	round se	ector-	23 dt. Pan	chkula													
		871, 21.06.20 19	14.06.20 19	7.85		7.2		-	266		32	BDL	68.8	22.842		0.07 6	0.03 3	8	NIL	0.822	40.5	0.8	Complyi ng
4	Tubewell	No. 5 dt.	Sector-24 d	t. HUD	A dt. Panchk	ula	I						•										
		875 dt. 21.06.20 19	14.06.20 19	7.83		6.4		-	240		40	BDL	54.4	25.272		0.05 5	0.025	7	NIL	0.731	40.5	0.7	Complyi ng
5	Tubewell	No. 4 dt.	Sector-24 d	t. HUD	A, Panchkula	a						•											
		874, 21.06.20 19	14.06.20 19			11.2		-	258		34	BDL	60.8	25.758		0.11 7	0.053	5	NIL	0.7	39.5	0.6	Complyi ng
6	Tubewell				dt. Panchku																		
		876, 21.06.20 19	14.06.20 19	7.8		8.4		-	280		40	BDL	64	29.16		0.11	0.06 8	13	NIL	0.805	38	0.5	Complyi ng
7	Hand Pur	np at Ghail	Drain dt. A	mbala																			
		866, 21.06.20 19	14.06.20 19			8.4		-	316		356	BDL	72.8	32.562		0.19 3	0.04 6	6	NIL	3.978	348	8.2	Non- complyin g
8	Tubewell	at Vill. Dad	wa Haryana	Punjal	o Border, Amb	bala				•													
		864, 21.06.20 19	14.06.20 19	7.76		7.2		-	374		322	360.5	79.2	42.768		0.09 3	0.05 7	212	NIL	2.35	176	6.2	Non- complyin g
9	Tubewell	at Kalu Maj	jra, Ambala	•												1							

Sr.N o.	Sampli ng Locatio n	Analysi s Report No.	Date of collectio n	pH (6.5 to 8.5 limi t)	Conductiv ity	CO D	TDS (500 - (200 0 limit )	TS S	Total Hardne ss (200- 600)	Fluori de (1.0 limits)	Chlori de (250 limits)	Sulpha te (200- 400 )	Calciu m (75 limits) (200)	Magnesi um (30) (100)	Nick el (0.02 )	Zin c (5- 15 )	Iron (0.3 limit s)	Total caolifor m	Feacal Colifor m	Phosph ate	Sodiu m	Potassi um	Remark s
		865, 21.06.20 19	14.06.20 19	7.84		7.6		-	256		40	BDL	78.4	14.58		0.08 6	0.05 8	7	NIL	1.12	36	0.8	Complyi ng
10	Tubewell		iana, Amba	la																			
		867, 21.06.20 19	14.06.20 19	7.84		7.6		-	256		40	BDL	78.4	14.58		0.08 6	0.05 8	7	NIL	1.12	36	0.8	Complyi ng
11	Tubewell	at Vill. Man	akpur, Amb	oala																			
		868, 21.06.20 19	14.06.20 19	7.83		8.8		-	268		44	BDL	73.6	20.412		0.09 4	0.09 6	8	NIL	1.01	34	0.7	Complyi ng
12	Tubewell		garh, Amba																				
		869, 21.06.20 19	14.06.20 19			10		-	272		46	BDL	67.2	25.272		0.07 4	0.06 3	11	NIL				Complyi ng
13	Tubewell	at Vill. Dan	gderi, Amba	ala																			
		870, 21.06.20 19	14.06.20 19	7.78		8.4		-	264		34	BDL	65.6	24.3		0.09 5	0.06 2	13	NIL	0.985	41	0.8	Complyi ng
14	Undergrou	ind Water Ha	nd Pump Brid	dge, Toka	s, Patan road,	Tokas																	
		62, 01.07.19	24.06.19	7.7	830	ND	498	10	210	ND	280	80	160	50	ND	ND							Complyi ng
15	Undergrou	ind Water Ha	nd Pump Ary	a-Nagar t	o Balsamand	Road, P	oultry fai	rm															
		63, 01.07.19	24.06.19	7.9	261	ND	158	10	160	ND	90	10	120	40	ND	ND							Complyi ng
16	Undergrou Bridge	Underground Water Hand Pump Rawalwas Khurd to patan Road, Patan																					
		64, 01.07.19	24.06.19	8	1314	ND	795	14	270	ND	290	70	190	80	ND	ND							Complyi ng
17	Underground Water Hand Pump Arya Nagar to shapur Bridge																						
		65, 01.07.19	24.06.19	7.8	2320	ND	1418	12	390	ND	320	180	270	120	ND	ND							Non- complyin g
18	Undergrou	ind Water Ha	nd Pump par	k vill shap	our old Well-H	Hisar Dra	ain	1	1		<u>ı</u>		1										
		66, 01.07.19	24.06.19	7.9	1800	ND	1180	18	350	ND	260	180	240	110	ND	ND							Non- complyin