

Monthly Action Taken for January, 2019

Questionnaire in respect to Hon'ble NGT order dated 07.08.2018 in OA no. 138 of 2016- Stench Grips Mansa's Sacred Ghaggar

1. Please provide to the Executing Committee the Status of 'Action Plan' prepared in compliance of order dated 07.08.2018 passed by Hon'ble NGT on the prevention of pollution of water in the Ghaggar River as well as on the entry & exit points of tributary/drain. In case of any non-compliance or that, who is the responsible Authority/Officer?

The action plan has been prepared and uploaded on the website of the Board and Environment Department Haryana.

2. Status of Action taken on the approved 'Action Plan'. In case of 'no action' then indicate the name of the Authority/Officer.

The ATR status is as under:-

Sr. No.	DSTF	ATR submitted / not submitted	Remark
1	Panchkula	Submitted	The action taken on the Action plan have not been submitted nor submitted the names of officers who have not taken action.
2	Ambala	Not Submitted	
3	Kurukshetra	Not Submitted	RO Panchkula has submitted combined report for 3 districts. But this report can not be considered as reports of DSTF. The action taken on the Action plan have not been submitted nor submitted the names of officers who have not taken action.
4	Kaithal	Submitted	
5	Jind	Submitted	The complete action taken report on the Action plan has not been submitted nor submitted the names of officers of different departments who have not taken action.
6	Fatehabad	Submitted	
7	Sirsa	Submitted	
8	Hisar	Not Submitted	

The names of responsible officers of PHED, Forest, Irrigation Deptt etc not informed

3. Whether the district level STFs are submitting monthly action taken report to the state level STFs with a copy to the Executing Committee (cecghaggar@gmail.com)? If not, indicate the name of the Authority/Officer for non-compliance thereof.

The District Level Committee are not submitting Action Taken reports. The names of officers is given as under

Sr. No.	Task Force	Name of Members
	Panchkula	1. Sh. Mukul Kumar, HCS, DC 2. Sh. Abhishek Jorwal, IPS, DCP 3. Sh. Rajinder Sharma, RO 4. Sh. Manbir Singh Rathi, Advocate
	Ambala	1. Smt. Sharandeep Kaur Brar, IAS, DC 2. Sh. Ashok Kumar, IPS, SP 3. Sh. Rajinder Sharma, RO Sh. Nitish Sawhney, Advocate
	Kurukshetra	1. Dr. SS Phulia, IAS, DC 2. Sh. Surinder Pal Singh, IPS, SP 3. Sh. Rajinder Sharma, RO 4. Sh. Roshan Lal Gupta, Advocate
	Kaithal	1. Sh. Dharamvir Singh, HCS, DC 2. Smt. Astha Modi, IPS, SP 3. Sh. Sanjeev Budhiraja, RO 4. Sh. Malkhan Singh, S/o Sh. Late Sh. Rasila Ram, R/o Vill. & Post Office-Bakal, Kaithal
	Jind	1. Sh. Amit Khatri, IAS, DC 2. Dr. Arun Singh, IPS, SP 3. Sh. Sanjeev Budhiraja, RO
	Fatehabad	1. Sh. Jai Krishan Abhir, IAS, DC 2. Sh. Deepak Saharan, HPS, SP 3. Sh. Naveen Gulia, RO
	Hisar	1. Sh. Ashok Meena, IAS, DC 2. Sh. Shiv Charan, IPS, SP 3. Sh. Naveen Gulia, RO
	Sirsa	1. Sh. Prabhjot Singh, IAS, DC 2. Sh. Hamid Akhtar, IPS, SP 3. Sh. Naveen Gulia, RO

4. Further, as directed by the Hon'ble NGT, monthly reports showing the action taken according to the 'Action Plan' have been uploaded to the website of respective SPCB/Committee as well as the Environment Department of the state or not?

The monthly Action Taken reports have been uploaded on the Website of HSPCB and Environment Department.

5. Whether the state level STF has sent its 3 monthly report on the action taken to the CPCB in terms of the direction contained in the order dated 07.08.2018 of the Hon'ble NGT?

The State level STF has reviewed the action plan and other actions to be taken for control of pollution in River Ghaggar. 1st quarterly report has been submitted and 2nd quarterly report shall be submitted after March 2019.

6. **How many cases of violation were identified by each district level STF and what legal action has been taken against such violators to prevent further water pollution in the Ghaggar River.**

Sr. No.	DSTF	No. of violations identified in Jan, 2019	Action taken/ Remark
1	Panchkula	3	RO Panchkula has recommended for closure and 1 prosecution case is under process
2	Ambala	0	
3	Kurukshetra	0	
4	Kaithal	0	
5	Jind	0	
6	Fatehabad	0	
7	Sirsa	0	
8	Hisar	0	
	Total	3	

Till end of Jan. 2019, 47 Industries have been inspected. 29 units complying and 18 units non complying. 6 Industries have been closed by the Board and 5 recommended for closure. 2 cases have been sanctioned for prosecution and 11 prosecution cases are under process.

7. **How many ground water samples of Ghaggar River catchment area have been taken and analyzed in each month? What was the result of analysis of such samples?**

Sr No.	DSTF	No. of Ground water samples in Jan, 2019	Action taken/ Remark
1	Panchkula	7	Complying as per drinking water standards
2	Ambala	0	
3	Kurukshetra	0	
4	Kaithal	2	Complying as per drinking water standards

5	Jind	0	
6	Fatehabad	1	Complying as per drinking water standards
7	Sirsa	5	Complying as per drinking water standards
8	Hisar	0	
	Total	15	

- 45 Ground Water Samples have been collected and analyzed till end of January, 2019.

8. How many health camps/events involving the civil society were organized in each month by the respective states?

Health Department has given action plan for organizing health camps.

Sr. No.	DSTF	No. of Camps in Feb, 2019	Details of Camps
1	Panchkula	0	
2	Ambala	5	1. 75 Patients at Shahpur on 11.1.19 2. 57 Patients at Ghasitpur on 15.01.19 3. 51 Patients at Bishangarh on 17.01.19 4. 55 Patients at Gorsian on 24.01.19 5. 186 Patients at Ghail on 29.01.19
3	Kurukshetra	0	
4	Kaithal	5	1. 64 Patients at Budanpur on 03.01.19 2. 53 Patients at Ratta Khera on 5.01.19 3. 49 Patients at Urlana on 20.01.19
5	Jind	0	
6	Fatehabad	1	31 Patients at Kasampura on 17.01.19
7	Sirsa	1	88 Patients at Ottu on 15.01.19
8	Hisar	0	
	Total	12	

9. The report of the water samples analysis taken from the each source of pollution be also sent in the attached format with the above report.

Sr. No.	DSTF	No. of samples in Jan, 2019	Action taken
1	Panchkula	18	
2	Ambala	11	
3	Kurukshetra	2	
4	Kaithal	2	
5	Jind	0	
6	Fatehabad	7	
7	Sirsa	3	
8	Hisar	0	
	Total	43	

The results of samples in the prescribed format are enclosed as **Annexure- A**

Annexure- A

Samples of Ground Water of Panchkula Region

Name		Tubewell No. 1, (Huda Div No. III) Near dumping ground sector- 23, Panchkula		Tubewell No. 3, (Huda Div No. III) Near boundary of River Ghaggar Sector-24, Panchkula		Tubewell No. 2, Sector-24, HUDA, Panchkula		Tubewell No. 5, Sec-24, HUDA, Panchkula		Tubewell No. 4, Sec- 24, HUDA, Panchkula		Tubewell No. 9, Sec-4, HUDA, Panchkula		Tubewell No. 6, Div-II, Sec-24, Panchkula	
Coordinates	-														
Water Quality criteria	-														
Remarks if any	-														
General	Parameters	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb
	Temperature	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	pH	7.58		7.36		7.29		7.29		7.28		7.3		6.34	
	DC	-		-		-		-		-		-		-	
	DO	-		-		-		-		-		-		-	
	Odour	Odourless		Odourless		Odourless		Odourless		Odourless		Odourless		Odourless	
	Oil & grease	-		-		-		-		-		-		-	
	SS (Suspended soils)	ND		ND		ND		ND		ND		ND		ND	
Organic Matter	BOD	ND		ND		ND		ND		ND		ND		ND	
	COD	31.6		12.8		18		8.4		26.8		16.8		9.6	

Samples of Ground Water of Jind Region

Name		Tubewell No. 1, Near upstream Ghaggar River, Village Chiali		Tubewell No. 2, Near Gurugwara, Village Bhatia		Discharge of Kaithal Drain in River Ghaggar at Khanuri	
Coordinates	-						
Water Quality criteria	-						
Remarks if any	-						
General	Parameters	Jan	Feb	Jan	Feb	Jan	Feb
	Temperature	-	-	-	-	-	Reports still awaited
	pH	6.92	7.58	ND	7.59	7.02	
	DC	-	-	-	-	-	
	DO	-	-	-	-	-	
	Odour	-	-	-	-	-	
	Oil & grease	ND	ND	ND	ND	ND	
	SS (Suspended soils)	ND	6	ND	ND	52	
Organic Matter	BOD	ND	ND	ND	ND	36	
	COD	9.6	13.6	8.4	8.5	117.6	
Nutrienis	NH3-N	-	-	-	-	-	
	No2	-	-	-	-	-	
	No3	-	-	-	-	-	
	Total p	-	-	-	-	-	
Microbiological	Total and faecal coliforms	-	-	-	-	-	
Toxic Metal	Toxic Metal	-	-	-	-	-	
	Calcium	-	-	-	-	-	
	Magnesium	-	-	-	-	-	
	Nickel	-	-	-	-	-	
	Copper	-	-	-	-	-	
	Chromium	-	-	-	-	-	
	Zine	-	-	-	-	-	

Name		Sukhna choe near Raipur Kalan and Makhanmajra before meeting MDC drain		Outlet of Chandigarh domestic effluent near Bapudham colony, Chandigarh.		Industrial Area drain after meeting treated domestic effluent of STP at Raipur khurd Chandigarh.		Sirsa River, Nawan Nagar, Kalka, Panchkula.		Sukhna Nallah coming from Himachal Pradesh Industries and domestic effluent of Parwanoo Town at Parwanoo Barrier(H.P) near Kalka Haryana.	
Coordinates		-	-	-	-	-	-	-	-	-	-
Water Quality criteria	-	-	-	-	-	-	-	-	-	-	-
Remarks if any	-	-	-	-	-	-	-	-	-	-	-
General	Parameters	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb
	Temperature	-	-	-	-	-	-	-	-	-	-
	pH	6.8		6.81		6.77				7.97	
	DC	-		-		-				-	
	DO	-		-		-				-	
	Odour	Odo urles s		Odo urle ss		Odour less				Bad	
	Oil & grease	10.0.		12.5		5.5				8.5	
	SS (Suspended soils)	134		182		162				50	
Organic Matter	BOD	86		80		70				80	
	COD	290. 2		297. 6		259.2				329.2	
Nutrienis	NH3-N	27.4 4		20.7 2		19.04				-	
	No2	-		-		-				-	
	No3	-		-		-				-	
	Total p	-		-		-				-	
Microbiological	Total and faecal coliforms	-		-		-				-	
Toxic Metal	Toxic Metal	-		-		-				-	
	Calcium	-		-		-				100.08	
	Magnesium	-		-		-				23.814	
	Nickel	ND		ND		ND				ND	

Name		Sukhna choe near Raipur Kalan and Makhanmajra before meeting MDC drain		Outlet of Chandigarh domestic effluent near Bapudham colony, Chandigarh.		Industrial Area drain after meeting treated domestic effluent of STP at Raipur khurd Chandigarh.		Sirsa River, Nawan Nagar, Kalka, Panchkula.		Sukhna Nallah coming from Himachal Pradesh Industries and domestic effluent of Parwanoo Town at Parwanoo Barrier(H.P) near Kalka Haryana.	
	Copper	ND		ND		ND				ND	
	Chromium	ND		ND		ND				ND	
	Zinc	0.08		0.087		0.067				1.128	
	Lead	-		-		-				-	
	Iron	0.103		0.091		0.089				1.361	
Remakes improved or not improved		not improved		not improved		not improved		not improved		not improved	

Name		Ghaggar River, Near Surajpur, Panchkula (Station Code- 1885)		Kaushalya lake, Surajpur, Panchkula (Code-1392)	
Coordinates		-	-	-	-
Water Quality criteria	-	-	-	-	-
Remarks if any	-	-	-	-	-
General	Parameters	Jan	Feb	Jan	Feb
	Temperature	20.03	Sample collected on 19.02.2019 and report awaited.	20.1	Sample collected on 25.02.2019 and report awaited.
pH	7.77	8.04			
DC	-	-			
DO	-	-			
Odour	Mild	Odourless			
Oil & grease	-	-			
SS (Suspended soils)	67	7			
Organic Matter	BOD	6		3.4	
	COD	43.6		16.8	
Nutrienis	NH3-N	-		-	
	No2	-		-	
	No3	-		-	
	Total p	-		-	
Microbiological	Total and faecal coliforms	16,00,000.0, 1,75,000.0		5420.0, nil	
Toxic Metal	Toxic Metal	-		-	
	Calcium	41.6		65.6	
	Magnesium	22.356		17.982	
	Nickel	-		-	
	Copper	-		-	
	Chromium	-		-	
	Zinc	-		-	
Lead	-		-		

Name		Ghaggar River, Near Surajpur, Panchkula(Station Code- 1885)		Kaushalya lake, Surajpur, Panchkula (Code-1392)	
	Iron	-		-	
Remakes improved or not improved		not improved		not improved	

Samples of Drain of Jind Region at Bhiwani

Name		Tubewell No. 1, Near upstream Ghaggar River, Village Chiali		Tubewell No. 2, Near Gurugwara, Village Bhatia		Discharge of Kaithal Drain in River Ghaggar at Khanuri	
Coordinates		-					
Water Quality criteria		-					
Remarks if any		-					
General	Parameters	Jan	Feb	Jan	Feb	Jan	Feb
	Temperature	-	-	-	-	-	Reports still awaited
	pH	6.92	7.58	ND	7.59	7.02	
	DC	-	-	-	-	-	
	DO	-	-	-	-	-	
	Odour	-	-	-	-	-	
	Oil & grease	ND	ND	ND	ND	ND	
	SS (Suspended soils)	ND	6	ND	ND	52	
Organic Matter	BOD	ND	ND	ND	ND	36	
	COD	9.6	13.6	8.4	8.5	117.6	
Nutrienis	NH3-N	-	-	-	-	-	
	No2	-	-	-	-	-	
	No3	-	-	-	-	-	
	Total p	-	-	-	-	-	
Microbiological	Total and faecal coliforms	-	-	-	-	-	
Toxic Metal	Toxic Metal	-	-	-	-	-	
	Calcium	-	-	-	-	-	
	Magnesium	-	-	-	-	-	
	Nickel	-	-	-	-	-	
	Copper	-	-	-	-	-	
	Chromium	-	-	-	-	-	

Name		Tubewell No. 1, Near upstream Ghaggar River, Village Chiali		Tubewell No. 2, Near Gurugwara, Village Bhatia		Discharge of Kaithal Drain in River Ghaggar at Khanuri	
	Zinc	-	-	-	-	-	
	Lead Iron	-	-	-	-	-	
Remakes improved or not improved		-				-	

Samples of Drain of Sirsa District

Name		Mallewala Drain, Village Mallewala		Rania link Drain		Hisar-Ghaggar Drain at Firozabad, Sirsa		Rori-Ghaggar Drain		Discharge of PHED STP, Ellenabad, 7.5. MLD, Budhimedi Drain, Near Village Budhimedi.		Discharge of PHED STP, 15 MLD, Kelnia Drain, Kelnia, Sirsa	
Coordinates	-												
Water Quality criteria	-												
Remarks if any	-	-		-		-		NIL Discharge		-		-	
General	Parameters	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb
	Temperature	-	-	-	-	-	-	-	-	-	-	-	-
	pH		8.7	8.6			8.1	-	-	8.2	-	8.2	-
	DC	-	-	-	-	-	-	-	-	-	-	-	-
	DO	-	-	-	-	-	-	-	-	-	-	-	-
	Odour	-	-	-	-	-	-	-	-	-	-	-	-
	Oil & grease	-	ND	ND	-	-	ND	-	-	4	-	4	-
	SS (Suspended soils)	-	220	80	-	-	130	-	-	20	-	24	-
Organic Matter	BOD	-	48	18	-	-	36	-	-	18	-	26	-
	COD	-	96	64	-	-	136	-	-	56	-	64	-
Nutrienis	NH3-N	-	-	-	-	-	-	-	-	-	-	-	-
	No2	-	-	-	-	-	-	-	-	-	-	-	-
	No3	-	-	-	-	-	-	-	-	-	-	-	-
	Total p	-	-	-	-	-	-	-	-	-	-	-	-
Microbiological	Total and faecal coliforms	-	-	-	-	-	-	-	-	-	-	-	
Toxic Metal	Toxic Metal	-	-	-	-	-	-	-	-	-	-	-	-
	Calcium	-	-	-	-	-	-	-	-	-	-	-	-
	Magnesium	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	-	-	-	-	-	-	-	-	-	-	-	-
	Copper	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium	-	-	-	-	-	-	-	-	-	-	-	-
	Zine	-	-	-	-	-	-	-	-	-	-	-	-
	Lead Iron	-	-	-	-	-	-	-	-	-	-	-	-
Remakes improved or not improved		-											